

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015644.D
 Acq On : 19 Sep 2023 14:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091923

Quant Time: Sep 20 01:51:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	164946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79477	43.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.580%		
35) Dibromofluoromethane	7.709	113	78141	47.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.200%		
50) Toluene-d8	10.178	98	252192	44.830	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.660%		
62) 4-Bromofluorobenzene	12.483	95	100054	45.321	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57672	53.043	ug/l	94
3) Chloromethane	2.107	50	72753	53.040	ug/l	98
4) Vinyl Chloride	2.247	62	84559	53.917	ug/l	96
5) Bromomethane	2.643	94	66702	50.041	ug/l	99
6) Chloroethane	2.783	64	60542	52.082	ug/l	96
7) Trichlorofluoromethane	3.119	101	133328	50.692	ug/l	99
8) Diethyl Ether	3.527	74	56078	49.997	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	85212	51.744	ug/l	93
10) Methyl Iodide	4.088	142	96459	49.821	ug/l	98
11) Tert butyl alcohol	4.954	59	87179	231.074	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	74429	51.290	ug/l	95
13) Acrolein	3.722	56	61254	220.383	ug/l	100
14) Allyl chloride	4.472	41	137619	51.869	ug/l	94
15) Acrylonitrile	5.155	53	184244	223.922	ug/l	97
16) Acetone	3.942	43	207034	213.165	ug/l	94
17) Carbon Disulfide	4.186	76	153803	54.558	ug/l	100
18) Methyl Acetate	4.472	43	148198	45.478	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	293511	49.661	ug/l	99
20) Methylene Chloride	4.710	84	124318	59.353	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	87739	52.897	ug/l	97
22) Diisopropyl ether	6.112	45	331951	51.988	ug/l	92
23) Vinyl Acetate	6.051	43	966857	245.323	ug/l	96
24) 1,1-Dichloroethane	6.008	63	179614	51.608	ug/l	99
25) 2-Butanone	6.978	43	281740	205.229	ug/l	96
26) 2,2-Dichloropropane	6.972	77	157871	49.629	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	113028	51.330	ug/l	96
28) Bromochloromethane	7.325	49	47959	50.791	ug/l	98
29) Tetrahydrofuran	7.344	42	165855	213.751	ug/l	95
30) Chloroform	7.502	83	191704	51.435	ug/l	98
31) Cyclohexane	7.783	56	124192	49.398	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	159224	51.750	ug/l	98
36) 1,1-Dichloropropene	7.911	75	127099	51.810	ug/l	99
37) Ethyl Acetate	7.069	43	106557	43.547	ug/l	96
38) Carbon Tetrachloride	7.892	117	138220	51.907	ug/l	96
39) Methylcyclohexane	9.179	83	140200	51.670	ug/l	96
40) Benzene	8.154	78	389190	52.023	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015644.D
 Acq On : 19 Sep 2023 14:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091923

Quant Time: Sep 20 01:51:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	61523m	46.695	ug/l	
42) 1,2-Dichloroethane	8.234	62	126608	49.415	ug/l	95
43) Isopropyl Acetate	8.270	43	193179	46.217	ug/l	97
44) Trichloroethene	8.935	130	108180	51.774	ug/l	98
45) 1,2-Dichloropropane	9.215	63	108445	51.981	ug/l	96
46) Dibromomethane	9.301	93	65998	49.454	ug/l	95
47) Bromodichloromethane	9.496	83	152511	51.271	ug/l	98
48) Methyl methacrylate	9.288	41	85044	46.354	ug/l	90
49) 1,4-Dioxane	9.294	88	23613	895.636	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	566217	218.554	ug/l	94
52) Toluene	10.246	92	251096	52.062	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	162133	50.828	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	176251	51.331	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	94261	48.198	ug/l	98
56) Ethyl methacrylate	10.508	69	141931	49.246	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	162100	49.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	210597	230.040	ug/l	98
59) 2-Hexanone	10.831	43	428654	215.659	ug/l	93
60) Dibromochloromethane	10.983	129	115542	50.611	ug/l	99
61) 1,2-Dibromoethane	11.087	107	92871	48.541	ug/l	99
64) Tetrachloroethene	10.721	164	108038	49.921	ug/l	98
65) Chlorobenzene	11.514	112	281808	51.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110900	51.853	ug/l	99
67) Ethyl Benzene	11.593	91	505070	52.482	ug/l	99
68) m/p-Xylenes	11.703	106	384367	105.079	ug/l	97
69) o-Xylene	12.032	106	187501	52.275	ug/l	99
70) Styrene	12.044	104	324932	52.924	ug/l	97
71) Bromoform	12.209	173	76890	49.611	ug/l #	100
73) Isopropylbenzene	12.331	105	504510	51.622	ug/l	99
74) N-amyl acetate	12.142	43	175205	47.698	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	126500	46.508	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	97227m	46.780	ug/l	
77) Bromobenzene	12.611	156	121160	50.504	ug/l	97
78) n-propylbenzene	12.672	91	614670	51.770	ug/l	100
79) 2-Chlorotoluene	12.757	91	343282	50.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	423574	51.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	43261	46.872	ug/l	94
82) 4-Chlorotoluene	12.855	91	363531	51.453	ug/l	100
83) tert-Butylbenzene	13.074	119	369048	51.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	425985	52.035	ug/l	99
85) sec-Butylbenzene	13.251	105	554353	51.692	ug/l	99
86) p-Isopropyltoluene	13.367	119	466396	52.064	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	239543	50.331	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	239890	50.398	ug/l	99
89) n-Butylbenzene	13.696	91	444699	52.425	ug/l	97
90) Hexachloroethane	13.958	117	89620	51.837	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	221058	50.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22533	41.712	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	141243	51.067	ug/l	99
94) Hexachlorobutadiene	15.111	225	74582	52.656	ug/l	98
95) Naphthalene	15.239	128	341756	47.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	127876	50.091	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
Data File : VY015644.D
Acq On : 19 Sep 2023 14:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY091923

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

Quant Time: Sep 20 01:51:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015644.D
 Acq On : 19 Sep 2023 14:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091923

Quant Time: Sep 20 01:51:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

