

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015683.D
 Acq On : 22 Sep 2023 13:55
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:55:11 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)

Internal Standards						
1) Pentafluorobenzene	7.795	168	140732	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	241035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70282	45.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.780%		
35) Dibromofluoromethane	7.722	113	67839	47.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.040%		
50) Toluene-d8	10.185	98	217222	44.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.820%		
62) 4-Bromofluorobenzene	12.483	95	86382	44.999	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19290	20.794	ug/l	94
3) Chloromethane	2.113	50	23503	20.083	ug/l	96
4) Vinyl Chloride	2.253	62	27718	20.715	ug/l	96
5) Bromomethane	2.643	94	22552	19.524	ug/l	97
6) Chloroethane	2.784	64	21451	21.629	ug/l	99
7) Trichlorofluoromethane	3.119	101	47767	21.286	ug/l	99
8) Diethyl Ether	3.534	74	20118	21.023	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	29961	21.324	ug/l	94
10) Methyl Iodide	4.094	142	28170	18.848	ug/l	96
11) Tert butyl alcohol	4.978	59	42318	106.966	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	25019	20.207	ug/l	96
13) Acrolein	3.735	56	16754	70.650	ug/l	97
14) Allyl chloride	4.485	41	46990	20.758	ug/l	94
15) Acrylonitrile	5.167	53	72598	103.413	ug/l	99
16) Acetone	3.960	43	88083	106.296	ug/l	94
17) Carbon Disulfide	4.198	76	43942	18.269	ug/l	99
18) Methyl Acetate	4.491	43	56941	20.480	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	108179	21.453	ug/l	96
20) Methylene Chloride	4.716	84	54046	27.614	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	29692	20.981	ug/l	93
22) Diisopropyl ether	6.125	45	119897	22.008	ug/l	91
23) Vinyl Acetate	6.064	43	346785	103.130	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	64381	21.681	ug/l	99
25) 2-Butanone	6.990	43	119979	102.434	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52607	19.383	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	40070	21.328	ug/l	97
28) Bromochloromethane	7.338	49	12073	14.986	ug/l	100
29) Tetrahydrofuran	7.356	42	67633	102.162	ug/l	96
30) Chloroform	7.508	83	70395	22.137	ug/l	98
31) Cyclohexane	7.789	56	42656	19.886	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	57455	21.886	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43057	20.185	ug/l	99
37) Ethyl Acetate	7.082	43	44138	20.745	ug/l	97
38) Carbon Tetrachloride	7.905	117	49367	21.321	ug/l	96
39) Methylcyclohexane	9.185	83	46895	19.876	ug/l	97
40) Benzene	8.161	78	138204	21.246	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015683.D
 Acq On : 22 Sep 2023 13:55
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:55:11 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)
41) Methacrylonitrile	7.313	41	17102	14.928	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	47686	21.405	ug/l	94
43) Isopropyl Acetate	8.277	43	75974	20.904	ug/l	98
44) Trichloroethene	8.941	130	39198	21.575	ug/l	98
45) 1,2-Dichloropropane	9.222	63	39604	21.832	ug/l	100
46) Dibromomethane	9.307	93	24339	20.975	ug/l	96
47) Bromodichloromethane	9.496	83	56252	21.748	ug/l	99
48) Methyl methacrylate	9.295	41	32878	20.609	ug/l	92
49) 1,4-Dioxane	9.307	88	9489	413.921	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	232831	103.356	ug/l	93
52) Toluene	10.246	92	89568	21.358	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57317	20.665	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	62546	20.949	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	36897	21.697	ug/l	99
56) Ethyl methacrylate	10.514	69	52380	20.901	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	61904	21.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	82137	103.183	ug/l	96
59) 2-Hexanone	10.831	43	181408	104.962	ug/l	93
60) Dibromochloromethane	10.983	129	42529	21.424	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34750	20.888	ug/l	98
64) Tetrachloroethene	10.721	164	43621	22.903	ug/l	97
65) Chlorobenzene	11.520	112	104205	21.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40310	21.416	ug/l	97
67) Ethyl Benzene	11.593	91	180691	21.334	ug/l	98
68) m/p-Xylenes	11.703	106	138357	42.979	ug/l	96
69) o-Xylene	12.032	106	68209	21.608	ug/l	97
70) Styrene	12.044	104	117348	21.718	ug/l	97
71) Bromoform	12.209	173	29492	21.622	ug/l #	97
73) Isopropylbenzene	12.331	105	180742	21.285	ug/l	99
74) N-amyl acetate	12.142	43	66170	20.733	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	48354	20.460	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	39625m	21.943	ug/l	
77) Bromobenzene	12.605	156	44045	21.131	ug/l	95
78) n-propylbenzene	12.672	91	218468	21.177	ug/l	100
79) 2-Chlorotoluene	12.758	91	123107	20.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	153576	21.603	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15927	19.861	ug/l	97
82) 4-Chlorotoluene	12.855	91	129608	21.113	ug/l	99
83) tert-Butylbenzene	13.075	119	132870	21.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	153226	21.542	ug/l	99
85) sec-Butylbenzene	13.251	105	200352	21.502	ug/l	99
86) p-Isopropyltoluene	13.373	119	164707	21.161	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	88175	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88382	21.370	ug/l	99
89) n-Butylbenzene	13.696	91	155773	21.135	ug/l	98
90) Hexachloroethane	13.959	117	31958	21.275	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	84472	22.129	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9554	20.355	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	50751	21.118	ug/l	99
94) Hexachlorobutadiene	15.111	225	25966	21.099	ug/l	99
95) Naphthalene	15.233	128	129353	20.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46318	20.882	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
Data File : VY015683.D
Acq On : 22 Sep 2023 13:55
Operator : SY/MD
Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:55:11 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

