

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015638.D
 Acq On : 19 Sep 2023 12:03
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 19 14:03:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 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	7.789	168	169276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19106	10.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.520%#		
35) Dibromofluoromethane	7.716	113	17109	10.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.080%#		
50) Toluene-d8	10.179	98	60360	10.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.900%#		
62) 4-Bromofluorobenzene	12.483	95	23517	10.373	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	10741	9.626	ug/l	97
3) Chloromethane	2.113	50	13545	9.622	ug/l	99
4) Vinyl Chloride	2.247	62	15579	9.680	ug/l	95
5) Bromomethane	2.644	94	12895	10.392	ug/l	100
6) Chloroethane	2.790	64	11421	9.574	ug/l	100
7) Trichlorofluoromethane	3.119	101	26540	9.833	ug/l	94
8) Diethyl Ether	3.528	74	10851	9.427	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	16693	9.877	ug/l	95
10) Methyl Iodide	4.095	142	14452	9.604	ug/l	98
11) Tert butyl alcohol	4.942	59	41670m	72.750	ug/l	
12) 1,1-Dichloroethene	3.863	96	14356	9.640	ug/l	87
13) Acrolein	3.729	56	12353	43.307	ug/l	95
14) Allyl chloride	4.479	41	25789	9.471	ug/l	93
15) Acrylonitrile	5.168	53	41378	49.003	ug/l	99
16) Acetone	3.954	43	51693	51.862	ug/l	90
17) Carbon Disulfide	4.186	76	25785	8.913	ug/l	99
18) Methyl Acetate	4.485	43	32111	9.602	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	56862	9.375	ug/l	100
20) Methylene Chloride	4.716	84	31261	10.497	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	15893	9.337	ug/l	94
22) Diisopropyl ether	6.125	45	62575	9.549	ug/l	93
23) Vinyl Acetate	6.058	43	189396	46.827	ug/l	98
24) 1,1-Dichloroethane	6.015	63	34396	9.630	ug/l	97
25) 2-Butanone	6.990	43	74018	52.538	ug/l	99
26) 2,2-Dichloropropane	6.978	77	33346	10.215	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	21336	9.442	ug/l	95
28) Bromochloromethane	7.332	49	10012	10.332	ug/l	99
29) Tetrahydrofuran	7.350	42	38813	48.742	ug/l	94
30) Chloroform	7.509	83	37249	9.738	ug/l	97
31) Cyclohexane	7.783	56	25991	10.074	ug/l #	89
32) 1,1,1-Trichloroethane	7.704	97	29989	9.497	ug/l	98
36) 1,1-Dichloropropene	7.917	75	24495	9.723	ug/l	98
37) Ethyl Acetate	7.076	43	24356	9.693	ug/l	96
38) Carbon Tetrachloride	7.905	117	26212	9.586	ug/l	93
39) Methylcyclohexane	9.185	83	26379	9.467	ug/l	94
40) Benzene	8.161	78	73765	9.602	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015638.D
 Acq On : 19 Sep 2023 12:03
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 14:03:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14839m	11.263	ug/l	
42) 1,2-Dichloroethane	8.234	62	25316	9.622	ug/l	95
43) Isopropyl Acetate	8.277	43	41385	9.642	ug/l	98
44) Trichloroethene	8.941	130	20755	9.673	ug/l	94
45) 1,2-Dichloropropane	9.216	63	20745	9.683	ug/l	98
46) Dibromomethane	9.307	93	13480	9.836	ug/l	92
47) Bromodichloromethane	9.496	83	28972	9.485	ug/l	99
48) Methyl methacrylate	9.295	41	17616	9.350	ug/l	89
49) 1,4-Dioxane	9.301	88	5465	201.856	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	130199	48.939	ug/l	93
52) Toluene	10.240	92	47600	9.611	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	30906	9.435	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	33204	9.417	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	19330	9.625	ug/l	99
56) Ethyl methacrylate	10.508	69	27715	9.364	ug/l #	89
57) 1,3-Dichloropropane	10.789	76	32359	9.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	48454	51.541	ug/l	97
59) 2-Hexanone	10.831	43	102374	50.156	ug/l	94
60) Dibromochloromethane	10.984	129	22462	9.581	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18636	9.485	ug/l	97
64) Tetrachloroethene	10.721	164	22314	10.114	ug/l	97
65) Chlorobenzene	11.514	112	54512	9.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21233	9.738	ug/l	97
67) Ethyl Benzene	11.593	91	94302	9.612	ug/l	99
68) m/p-Xylenes	11.703	106	70158	18.813	ug/l	96
69) o-Xylene	12.026	106	35225	9.633	ug/l	97
70) Styrene	12.044	104	58578	9.359	ug/l	98
71) Bromoform	12.203	173	14880	9.417	ug/l #	98
73) Isopropylbenzene	12.331	105	92548	9.440	ug/l	99
74) N-amyl acetate	12.142	43	34198	9.281	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	26450	9.694	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	16353m	7.471	ug/l	
77) Bromobenzene	12.605	156	23195	9.638	ug/l	95
78) n-propylbenzene	12.672	91	113682	9.545	ug/l	99
79) 2-Chlorotoluene	12.752	91	64293	9.470	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	78627	9.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	8177	8.832	ug/l	96
82) 4-Chlorotoluene	12.855	91	67634	9.543	ug/l	100
83) tert-Butylbenzene	13.075	119	68602	9.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	77739	9.466	ug/l	99
85) sec-Butylbenzene	13.252	105	102296	9.509	ug/l	99
86) p-Isopropyltoluene	13.367	119	85863	9.555	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	46168	9.670	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	45714	9.574	ug/l	97
89) n-Butylbenzene	13.697	91	80245	9.430	ug/l	98
90) Hexachloroethane	13.959	117	16278	9.386	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	42894	9.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5446	10.050	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	25954	9.354	ug/l	99
94) Hexachlorobutadiene	15.111	225	13693	9.637	ug/l	99
95) Naphthalene	15.233	128	65951	9.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23139	9.036	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
Data File : VY015638.D
Acq On : 19 Sep 2023 12:03
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

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

Quant Time: Sep 19 14:03:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 14:01:30 2023
Response via : Initial Calibration

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

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

