

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019638.D
 Acq On : 20 Sep 2024 12:10
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

Quant Time: Sep 20 15:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	370805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	634526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	243545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171800	50.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.628	113	176730	49.124	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	652893	49.064	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.407	95	224584	43.893	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 87.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	55850	25.555	ug/l	97
3) Chloromethane	2.068	50	68051	22.182	ug/l	96
4) Vinyl Chloride	2.202	62	81310	24.510	ug/l	97
5) Bromomethane	2.592	94	54994	26.988	ug/l	99
6) Chloroethane	2.732	64	54224	25.004	ug/l	98
7) Trichlorofluoromethane	3.055	101	133953	24.223	ug/l	99
8) Diethyl Ether	3.452	74	38023	20.484	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.811	101	77691	22.711	ug/l	97
10) Methyl Iodide	4.000	142	83896	19.129	ug/l	91
11) Tert butyl alcohol	4.848	59	34307	123.723	ug/l	# 83
12) 1,1-Dichloroethene	3.787	96	72141	21.928	ug/l	93
13) Acrolein	3.653	56	15869	110.905	ug/l	98
14) Allyl chloride	4.378	41	118283	20.049	ug/l	# 93
15) Acrylonitrile	5.049	53	81353	101.644	ug/l	98
16) Acetone	3.866	43	82402	100.736	ug/l	89
17) Carbon Disulfide	4.098	76	164723	18.532	ug/l	99
18) Methyl Acetate	4.378	43	40578	18.279	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	195685	21.002	ug/l	98
20) Methylene Chloride	4.610	84	80464	21.569	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	76164	21.122	ug/l	90
22) Diisopropyl ether	6.012	45	259385	21.410	ug/l	92
23) Vinyl Acetate	5.951	43	709740	102.563	ug/l	94
24) 1,1-Dichloroethane	5.909	63	151013	22.213	ug/l	98
25) 2-Butanone	6.890	43	119125	102.394	ug/l	# 85
26) 2,2-Dichloropropane	6.878	77	137718	22.458	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	96873	22.116	ug/l	88
28) Bromochloromethane	7.238	49	54100	18.913	ug/l	84
29) Tetrahydrofuran	7.256	42	70397	99.520	ug/l	86
30) Chloroform	7.414	83	159706	23.012	ug/l	98
31) Cyclohexane	7.695	56	124173	20.207	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	144261	23.191	ug/l	97
36) 1,1-Dichloropropene	7.829	75	109135	22.294	ug/l	96
37) Ethyl Acetate	6.975	43	47674	19.007	ug/l	# 96
38) Carbon Tetrachloride	7.817	117	124119	22.484	ug/l	99
39) Methylcyclohexane	9.103	83	135818	20.848	ug/l	93
40) Benzene	8.079	78	329423	21.848	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019638.D
 Acq On : 20 Sep 2024 12:10
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

Quant Time: Sep 20 15:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	30411	20.799	ug/l #	80
42) 1,2-Dichloroethane	8.152	62	89167	21.977	ug/l	95
43) Isopropyl Acetate	8.189	43	103112	19.567	ug/l #	79
44) Trichloroethene	8.859	130	82921	21.384	ug/l	92
45) 1,2-Dichloropropane	9.140	63	79362	21.530	ug/l	99
46) Dibromomethane	9.231	93	43118	21.390	ug/l	95
47) Bromodichloromethane	9.420	83	119423	22.039	ug/l	98
48) Methyl methacrylate	9.219	41	46228	18.577	ug/l	87
49) 1,4-Dioxane	9.225	88	9942	418.958	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	253844	95.750	ug/l	92
52) Toluene	10.170	92	210865	21.745	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	104503	20.231	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	124397	20.682	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	59321	21.310	ug/l	95
56) Ethyl methacrylate	10.438	69	81598	19.296	ug/l #	81
57) 1,3-Dichloropropane	10.713	76	100290	20.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	187724	95.648	ug/l	98
59) 2-Hexanone	10.761	43	181631	93.450	ug/l	89
60) Dibromochloromethane	10.908	129	77847	21.140	ug/l	98
61) 1,2-Dibromoethane	11.011	107	53104	20.474	ug/l	98
64) Tetrachloroethene	10.645	164	73723	22.454	ug/l	94
65) Chlorobenzene	11.438	112	232232	22.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	78580	21.761	ug/l	97
67) Ethyl Benzene	11.517	91	417029	22.504	ug/l	99
68) m/p-Xylenes	11.627	106	310531	44.316	ug/l	93
69) o-Xylene	11.950	106	151073	22.045	ug/l	96
70) Styrene	11.968	104	251460	21.734	ug/l	97
71) Bromoform	12.133	173	41500	20.121	ug/l #	97
73) Isopropylbenzene	12.255	105	411211	23.274	ug/l	100
74) N-amyl acetate	12.072	43	93307	19.418	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	68334	21.790	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	48436m	21.219	ug/l	
77) Bromobenzene	12.529	156	85346	21.780	ug/l	91
78) n-propylbenzene	12.596	91	485572	23.187	ug/l	99
79) 2-Chlorotoluene	12.676	91	277868	22.768	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	330486	23.008	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	20838	17.524	ug/l	88
82) 4-Chlorotoluene	12.779	91	283620	22.605	ug/l	96
83) tert-Butylbenzene	12.999	119	308249	23.705	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	322452	22.679	ug/l	98
85) sec-Butylbenzene	13.176	105	445938	23.607	ug/l	100
86) p-Isopropyltoluene	13.291	119	361310	23.378	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	172570	22.664	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	171541	22.701	ug/l	96
89) n-Butylbenzene	13.614	91	345004	23.350	ug/l	99
90) Hexachloroethane	13.877	117	71366	22.192	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	149697	22.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10068	19.263	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	80467	19.471	ug/l	98
94) Hexachlorobutadiene	15.023	225	46634	21.123	ug/l	98
95) Naphthalene	15.139	128	149748	18.094	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	67822	19.186	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019638.D
Acq On : 20 Sep 2024 12:10
Operator : SY/MD
Sample : VY0920SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

Quant Time: Sep 20 15:23:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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

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

