

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019517.D
 Acq On : 11 Sep 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 01:34:42 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	429428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	790455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	683697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	321492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	244131	61.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.780%			
35) Dibromofluoromethane	7.628	113	237952	53.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.180%			
50) Toluene-d8	10.103	98	883595	53.303	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.401	95	320555	50.291	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	101431	42.610	ug/l	99
3) Chloromethane	2.068	50	172701	48.608	ug/l	99
4) Vinyl Chloride	2.202	62	198046	51.550	ug/l	99
5) Bromomethane	2.592	94	140064	59.353	ug/l	98
6) Chloroethane	2.732	64	141499	56.340	ug/l	99
7) Trichlorofluoromethane	3.055	101	320817	50.095	ug/l	97
8) Diethyl Ether	3.452	74	115268	53.620	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.811	101	186530	47.084	ug/l	96
10) Methyl Iodide	4.000	142	245398	48.314	ug/l	93
11) Tert butyl alcohol	4.860	59	92665	288.562	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	182878	48.000	ug/l	90
13) Acrolein	3.653	56	36119	232.641	ug/l	99
14) Allyl chloride	4.378	41	332241	48.627	ug/l	# 93
15) Acrylonitrile	5.055	53	253747	273.755	ug/l	99
16) Acetone	3.866	43	211130	222.871	ug/l	# 86
17) Carbon Disulfide	4.104	76	510579	49.600	ug/l	99
18) Methyl Acetate	4.378	43	130472	50.751	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	583625	54.086	ug/l	99
20) Methylene Chloride	4.610	84	229657	53.158	ug/l	88
21) trans-1,2-Dichloroethene	5.110	96	208862	50.014	ug/l	91
22) Diisopropyl ether	6.012	45	735895	52.450	ug/l	95
23) Vinyl Acetate	5.951	43	2151153	268.422	ug/l	94
24) 1,1-Dichloroethane	5.909	63	404803	51.416	ug/l	98
25) 2-Butanone	6.890	43	339824	252.220	ug/l	89
26) 2,2-Dichloropropane	6.878	77	323086	45.494	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	265774	52.392	ug/l	91
28) Bromochloromethane	7.238	49	191539	57.821	ug/l	86
29) Tetrahydrofuran	7.256	42	224677	274.265	ug/l	87
30) Chloroform	7.414	83	432950	53.868	ug/l	97
31) Cyclohexane	7.701	56	318439	44.747	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	369390	51.276	ug/l	96
36) 1,1-Dichloropropene	7.829	75	283157	46.432	ug/l	97
37) Ethyl Acetate	6.981	43	159305	50.983	ug/l	96
38) Carbon Tetrachloride	7.817	117	316957	46.089	ug/l	97
39) Methylcyclohexane	9.109	83	357731	44.079	ug/l	92
40) Benzene	8.079	78	904968	48.180	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	92696	50.892	ug/l #	85
42) 1,2-Dichloroethane	8.152	62	260312	51.503	ug/l	96
43) Isopropyl Acetate	8.195	43	330667	50.371	ug/l	90
44) Trichloroethene	8.865	130	225679	46.718	ug/l	98
45) 1,2-Dichloropropane	9.140	63	221466	48.229	ug/l	97
46) Dibromomethane	9.231	93	128965	51.357	ug/l	94
47) Bromodichloromethane	9.420	83	334392	49.538	ug/l	99
48) Methyl methacrylate	9.219	41	149673	48.281	ug/l	86
49) 1,4-Dioxane	9.231	88	29925	1012.285	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	839193	254.100	ug/l	92
52) Toluene	10.170	92	584965	48.423	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	307751	47.827	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	354544	47.319	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	174209	50.236	ug/l	98
56) Ethyl methacrylate	10.438	69	268636	50.996	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	296144	49.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	672793	275.176	ug/l	97
59) 2-Hexanone	10.761	43	576152	237.956	ug/l	90
60) Dibromochloromethane	10.908	129	227331	49.556	ug/l	99
61) 1,2-Dibromoethane	11.011	107	158326	49.001	ug/l	99
64) Tetrachloroethene	10.645	164	202234	47.767	ug/l	95
65) Chlorobenzene	11.438	112	642317	47.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	222528	47.790	ug/l	98
67) Ethyl Benzene	11.517	91	1137633	47.607	ug/l	100
68) m/p-Xylenes	11.627	106	847679	93.815	ug/l	93
69) o-Xylene	11.956	106	417430	47.239	ug/l	96
70) Styrene	11.968	104	715908	47.985	ug/l	96
71) Bromoform	12.133	173	128760	48.414	ug/l #	97
73) Isopropylbenzene	12.255	105	1075519	46.114	ug/l	99
74) N-amyl acetate	12.072	43	314064	49.513	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	207731	50.179	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	147267m	48.872	ug/l	
77) Bromobenzene	12.529	156	245543	47.469	ug/l	90
78) n-propylbenzene	12.596	91	1275577	46.142	ug/l	99
79) 2-Chlorotoluene	12.682	91	760457	47.203	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	885219	46.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	68873	43.877	ug/l	91
82) 4-Chlorotoluene	12.773	91	775115	46.799	ug/l	96
83) tert-Butylbenzene	12.999	119	822390	47.910	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	881174	46.949	ug/l	97
85) sec-Butylbenzene	13.175	105	1149742	46.107	ug/l	99
86) p-Isopropyltoluene	13.291	119	934552	45.807	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	468518	46.612	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	462436	46.358	ug/l	97
89) n-Butylbenzene	13.614	91	860031	44.095	ug/l	99
90) Hexachloroethane	13.877	117	197665	46.564	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	426041	47.499	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34137	49.478	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	231363	42.411	ug/l	97
94) Hexachlorobutadiene	15.023	225	118360	40.613	ug/l	98
95) Naphthalene	15.139	128	512568	46.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	203659	43.645	ug/l	98

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

