

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020262.D
 Acq On : 12 Nov 2024 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 13 00:31:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/13/2024
 Supervised By :Semsettin Yesilyurt 11/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	224684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	405544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	358730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	172869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	153141	54.611	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.220%			
35) Dibromofluoromethane	7.640	113	138267	53.625	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.240%			
50) Toluene-d8	10.109	98	530993	51.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.408	95	183832	55.144	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 110.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	88082	42.350	ug/l	99
3) Chloromethane	2.074	50	167142	48.516	ug/l	99
4) Vinyl Chloride	2.208	62	187694	50.750	ug/l	99
5) Bromomethane	2.604	94	124194	50.579	ug/l	99
6) Chloroethane	2.745	64	125677	52.654	ug/l	99
7) Trichlorofluoromethane	3.068	101	230856	51.096	ug/l	96
8) Diethyl Ether	3.464	74	71330	56.605	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	128163	50.575	ug/l	91
10) Methyl Iodide	4.013	142	132288	54.070	ug/l	90
11) Tert butyl alcohol	4.872	59	48594	240.913	ug/l #	80
12) 1,1-Dichloroethene	3.799	96	125647	51.821	ug/l #	79
13) Acrolein	3.659	56	41706	166.097	ug/l	97
14) Allyl chloride	4.397	41	228020	52.125	ug/l #	89
15) Acrylonitrile	5.074	53	167450	291.923	ug/l	96
16) Acetone	3.879	43	209998	322.018	ug/l #	83
17) Carbon Disulfide	4.116	76	385723	47.804	ug/l	97
18) Methyl Acetate	4.391	43	89943	58.783	ug/l #	88
19) Methyl tert-butyl Ether	5.128	73	355013	58.200	ug/l	100
20) Methylene Chloride	4.628	84	140936	48.109	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	143179	52.361	ug/l #	84
22) Diisopropyl ether	6.031	45	507219	55.874	ug/l #	92
23) Vinyl Acetate	5.970	43	1480151	289.729	ug/l #	91
24) 1,1-Dichloroethane	5.927	63	285805	54.372	ug/l	96
25) 2-Butanone	6.902	43	268919	304.210	ug/l #	85
26) 2,2-Dichloropropane	6.896	77	241523	55.224	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	172251	54.799	ug/l	82
28) Bromochloromethane	7.250	49	131141	53.281	ug/l #	72
29) Tetrahydrofuran	7.268	42	153223	300.346	ug/l #	83
30) Chloroform	7.427	83	288986	55.403	ug/l	97
31) Cyclohexane	7.707	56	237318	46.635	ug/l	91
32) 1,1,1-Trichloroethane	7.628	97	247195	54.281	ug/l	93
36) 1,1-Dichloropropene	7.841	75	205992	51.717	ug/l	95
37) Ethyl Acetate	6.994	43	107651	56.688	ug/l	96
38) Carbon Tetrachloride	7.823	117	216723	54.109	ug/l	99
39) Methylcyclohexane	9.115	83	248976	49.251	ug/l	91
40) Benzene	8.085	78	621785	53.482	ug/l	99

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41) Methacrylonitrile	7.226	41	61707	64.867	ug/l #	81
42) 1,2-Dichloroethane	8.164	62	179720	55.847	ug/l	94
43) Isopropyl Acetate	8.207	43	209047	57.246	ug/l #	90
44) Trichloroethene	8.872	130	141624	52.560	ug/l	94
45) 1,2-Dichloropropane	9.146	63	152271	54.743	ug/l	95
46) Dibromomethane	9.237	93	85205	56.533	ug/l #	87
47) Bromodichloromethane	9.426	83	223964	56.723	ug/l	99
48) Methyl methacrylate	9.225	41	99389	58.759	ug/l #	81
49) 1,4-Dioxane	9.231	88	18450	1189.020	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	573997	305.055	ug/l	90
52) Toluene	10.176	92	393421	54.897	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	200973	57.642	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	234312	56.304	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	107397	57.311	ug/l	94
56) Ethyl methacrylate	10.444	69	162444	60.431	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	195314	56.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	346786	261.592	ug/l	93
59) 2-Hexanone	10.762	43	421290	312.303	ug/l	87
60) Dibromochloromethane	10.914	129	139435	58.372	ug/l	99
61) 1,2-Dibromoethane	11.018	107	98047	56.316	ug/l	100
64) Tetrachloroethene	10.652	164	125649	53.048	ug/l	93
65) Chlorobenzene	11.444	112	414112	54.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	139138	56.975	ug/l	99
67) Ethyl Benzene	11.524	91	770392	53.917	ug/l	99
68) m/p-Xylenes	11.633	106	565331	108.142	ug/l	89
69) o-Xylene	11.956	106	275219	55.607	ug/l	94
70) Styrene	11.975	104	465532	56.887	ug/l	96
71) Bromoform	12.133	173	74633	59.571	ug/l #	98
73) Isopropylbenzene	12.261	105	728314	52.739	ug/l	99
74) N-ethyl acetate	12.072	43	194966	56.479	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	131906	54.616	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	90928m	56.112	ug/l	
77) Bromobenzene	12.536	156	152211	54.500	ug/l	84
78) n-propylbenzene	12.597	91	908328	52.850	ug/l	97
79) 2-Chlorotoluene	12.682	91	506604	53.102	ug/l	94
80) 1,3,5-Trimethylbenzene	12.743	105	590844	53.293	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	42353	56.218	ug/l #	85
82) 4-Chlorotoluene	12.779	91	518258	53.279	ug/l	95
83) tert-Butylbenzene	12.999	119	539460	55.645	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	591417	53.857	ug/l	96
85) sec-Butylbenzene	13.182	105	792561	53.253	ug/l	97
86) p-Isopropyltoluene	13.298	119	640904	53.663	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	305829	53.903	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	303635	53.739	ug/l	96
89) n-Butylbenzene	13.621	91	636507	53.166	ug/l	98
90) Hexachloroethane	13.883	117	126488	53.553	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	268234	54.390	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20476	55.904	ug/l	73
93) 1,2,4-Trichlorobenzene	14.925	180	139612	52.698	ug/l	97
94) Hexachlorobutadiene	15.029	225	71976	49.684	ug/l	99
95) Naphthalene	15.151	128	278431	56.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	116474	51.792	ug/l	97

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

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