

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079311.D
 Acq On : 02 Jul 2024 08:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 01:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	169918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80775	48.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.980%		
35) Dibromofluoromethane	7.804	113	88587	45.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.460%		
50) Toluene-d8	10.269	98	305643	43.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.720%		
62) 4-Bromofluorobenzene	12.569	95	109604	49.051	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	94531	49.222	ug/l	98
3) Chloromethane	2.146	50	140163	48.131	ug/l	98
4) Vinyl Chloride	2.281	62	182383	56.165	ug/l	97
5) Bromomethane	2.693	94	135281	53.173	ug/l	97
6) Chloroethane	2.840	64	112672	48.913	ug/l	99
7) Trichlorofluoromethane	3.175	101	188381	50.716	ug/l	95
8) Diethyl Ether	3.593	74	52149	47.732	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.969	101	117514	50.922	ug/l	96
10) Methyl Iodide	4.163	142	124563	54.058	ug/l	95
11) Tert butyl alcohol	5.057	59	28458	250.300	ug/l #	95
12) 1,1-Dichloroethene	3.934	96	112388	50.310	ug/l	90
13) Acrolein	3.799	56	44718	198.874	ug/l	99
14) Allyl chloride	4.557	41	143530	50.345	ug/l	87
15) Acrylonitrile	5.257	53	125092	251.203	ug/l	96
16) Acetone	4.016	43	121487	301.245	ug/l	99
17) Carbon Disulfide	4.269	76	388454	49.499	ug/l	100
18) Methyl Acetate	4.563	43	54851	46.817	ug/l	88
19) Methyl tert-butyl Ether	5.316	73	234137	51.155	ug/l	99
20) Methylene Chloride	4.805	84	130890	46.796	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	125501	49.995	ug/l #	86
22) Diisopropyl ether	6.216	45	320701	51.701	ug/l #	93
23) Vinyl Acetate	6.152	43	1275354	271.581	ug/l	93
24) 1,1-Dichloroethane	6.110	63	216084	49.687	ug/l	95
25) 2-Butanone	7.081	43	157244	279.878	ug/l	95
26) 2,2-Dichloropropane	7.075	77	179946	52.411	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	137871	50.134	ug/l	87
28) Bromochloromethane	7.422	49	88049	48.558	ug/l #	71
29) Tetrahydrofuran	7.446	42	90257	258.601	ug/l	86
30) Chloroform	7.593	83	227619	50.737	ug/l	94
31) Cyclohexane	7.875	56	179293	49.638	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	191585	52.030	ug/l	97
36) 1,1-Dichloropropene	8.004	75	169823	56.431	ug/l	94
37) Ethyl Acetate	7.163	43	67161	58.629	ug/l	96
38) Carbon Tetrachloride	7.993	117	170308	55.728	ug/l	96
39) Methylcyclohexane	9.275	83	194949	55.062	ug/l	91
40) Benzene	8.251	78	503695	53.648	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35085	55.721	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	121517	53.815	ug/l	95
43) Isopropyl Acetate	8.357	43	119169	53.904	ug/l #	95
44) Trichloroethene	9.028	130	116019	54.097	ug/l	90
45) 1,2-Dichloropropane	9.304	63	123812	54.160	ug/l	93
46) Dibromomethane	9.393	93	69564	53.653	ug/l	89
47) Bromodichloromethane	9.581	83	172053	54.227	ug/l	99
48) Methyl methacrylate	9.381	41	58004	58.148	ug/l	86
49) 1,4-Dioxane	9.381	88	14184	1067.582	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	335446	291.571	ug/l	97
52) Toluene	10.334	92	315812	55.252	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	155754	54.358	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	186619	54.281	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	88989	53.214	ug/l	93
56) Ethyl methacrylate	10.598	69	112860	50.239	ug/l	92
57) 1,3-Dichloropropane	10.875	76	152011	53.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	263347	256.762	ug/l #	87
59) 2-Hexanone	10.922	43	252262	308.764	ug/l	99
60) Dibromochloromethane	11.075	129	114859	54.412	ug/l	100
61) 1,2-Dibromoethane	11.181	107	83207	54.272	ug/l	95
64) Tetrachloroethene	10.810	164	96659	58.112	ug/l	93
65) Chlorobenzene	11.604	112	329550	55.500	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	108823	53.844	ug/l	97
67) Ethyl Benzene	11.681	91	593626	57.292	ug/l	98
68) m/p-Xylenes	11.792	106	463316	115.928	ug/l	87
69) o-Xylene	12.116	106	209773	58.429	ug/l	87
70) Styrene	12.134	104	375229	58.604	ug/l	95
71) Bromoform	12.298	173	61862	56.440	ug/l #	97
73) Isopropylbenzene	12.422	105	542836	56.705	ug/l	97
74) N-amyl acetate	12.234	43	119641	56.940	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	107517	53.877	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	64043m	49.694	ug/l	
77) Bromobenzene	12.698	156	115174	53.483	ug/l	77
78) n-propylbenzene	12.763	91	690737	56.361	ug/l	94
79) 2-Chlorotoluene	12.845	91	381298	55.651	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	458270	56.541	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	37270	53.664	ug/l	98
82) 4-Chlorotoluene	12.945	91	399803	55.538	ug/l	93
83) tert-Butylbenzene	13.163	119	369160	56.226	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	462504	57.011	ug/l	94
85) sec-Butylbenzene	13.339	105	584767	55.976	ug/l	96
86) p-Isopropyltoluene	13.457	119	483448	56.068	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	248221	54.207	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	238866	52.487	ug/l	96
89) n-Butylbenzene	13.786	91	474813	56.117	ug/l	97
90) Hexachloroethane	14.051	117	97741	51.536	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	212812	54.004	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14813	54.144	ug/l	82
93) 1,2,4-Trichlorobenzene	15.092	180	113184	53.867	ug/l	97
94) Hexachlorobutadiene	15.198	225	65650	56.188	ug/l	94
95) Naphthalene	15.328	128	236142	57.577	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	101903	54.848	ug/l	97

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

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