

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075650.D
 Acq On : 12 Apr 2023 20:16
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 07:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

04/13/2023

Supervised By :Mahesh

Dadoda

04/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	184991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	306689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85896	56.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.200%	
35) Dibromofluoromethane	7.804	113	108207	57.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.580%	
50) Toluene-d8	10.269	98	404952	55.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.575	95	124818	57.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	67245	51.453	ug/l	95
3) Chloromethane	2.146	50	132537	58.317	ug/l	99
4) Vinyl Chloride	2.281	62	170416	53.561	ug/l	100
5) Bromomethane	2.681	94	111154	43.871	ug/l	100
6) Chloroethane	2.828	64	121423	54.403	ug/l	99
7) Trichlorofluoromethane	3.169	101	167741	61.802	ug/l	99
8) Diethyl Ether	3.593	74	48874	58.301	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.963	101	100358	56.174	ug/l	92
10) Methyl Iodide	4.157	142	117295	54.910	ug/l	91
11) Tert butyl alcohol	5.057	59	25762	359.073	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	92302	53.826	ug/l	93
13) Acrolein	3.793	56	31835	324.815	ug/l	97
14) Allyl chloride	4.557	41	85061	54.963	ug/l #	80
15) Acrylonitrile	5.251	53	104145	324.194	ug/l	96
16) Acetone	4.022	43	82802	299.445	ug/l #	74
17) Carbon Disulfide	4.263	76	221013	49.797	ug/l	98
18) Methyl Acetate	4.563	43	54492	65.296	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	221640	61.155	ug/l	96
20) Methylene Chloride	4.799	84	125808	54.720	ug/l #	74
21) trans-1,2-Dichloroethene	5.310	96	111136	54.906	ug/l #	72
22) Diisopropyl ether	6.216	45	225543	59.410	ug/l #	86
23) Vinyl Acetate	6.151	43	574891	312.215	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	178642	56.983	ug/l #	96
25) 2-Butanone	7.081	43	114093	317.934	ug/l #	61
26) 2,2-Dichloropropane	7.075	77	151837	52.796	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	133838	56.158	ug/l	82
28) Bromochloromethane	7.428	49	61239	57.170	ug/l #	44
29) Tetrahydrofuran	7.445	42	66074	347.693	ug/l #	54
30) Chloroform	7.592	83	208658	58.505	ug/l	96
31) Cyclohexane	7.875	56	112952	51.159	ug/l #	70
32) 1,1,1-Trichloroethane	7.792	97	163065	54.940	ug/l	95
36) 1,1-Dichloropropene	8.004	75	137103	57.338	ug/l	94
37) Ethyl Acetate	7.175	43	49375	68.681	ug/l #	78
38) Carbon Tetrachloride	7.992	117	130050	56.715	ug/l	97
39) Methylcyclohexane	9.275	83	157320	55.253	ug/l #	88
40) Benzene	8.251	78	445586	57.832	ug/l	96

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41) Methacrylonitrile	7.398	41	22623m	55.909	ug/l	
42) 1,2-Dichloroethane	8.328	62	107274	59.923	ug/l	89
43) Isopropyl Acetate	8.363	43	92187	67.174	ug/l #	81
44) Trichloroethene	9.028	130	122294	54.189	ug/l	90
45) 1,2-Dichloropropane	9.304	63	106565	59.289	ug/l	97
46) Dibromomethane	9.392	93	66779	59.839	ug/l	97
47) Bromodichloromethane	9.586	83	159026	58.926	ug/l	95
48) Methyl methacrylate	9.381	41	40042	64.384	ug/l #	54
49) 1,4-Dioxane	9.381	88	15480	1530.224	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	255416	345.734	ug/l #	78
52) Toluene	10.334	92	296691	57.014	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	142806	58.379	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	171123	57.534	ug/l #	77
55) 1,1,2-Trichloroethane	10.733	97	98763	60.013	ug/l	94
56) Ethyl methacrylate	10.598	69	100795	63.544	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	149417	60.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	244614	318.955	ug/l #	85
59) 2-Hexanone	10.922	43	175437	337.086	ug/l	70
60) Dibromochloromethane	11.075	129	115024	58.540	ug/l	99
61) 1,2-Dibromoethane	11.181	107	91392	58.105	ug/l	99
64) Tetrachloroethene	10.810	164	103063	55.872	ug/l	96
65) Chlorobenzene	11.610	112	325892	54.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	118427	56.253	ug/l	95
67) Ethyl Benzene	11.686	91	559971	57.011	ug/l	95
68) m/p-Xylenes	11.792	106	457276	113.030	ug/l	91
69) o-Xylene	12.122	106	213871	58.723	ug/l	93
70) Styrene	12.133	104	381876	61.140	ug/l	93
71) Bromoform	12.304	173	68502	62.954	ug/l #	98
73) Isopropylbenzene	12.422	105	540654	56.274	ug/l	98
74) N-amyl acetate	12.233	43	87478	64.920	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	113330	63.064	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	49658m	49.335	ug/l	
77) Bromobenzene	12.704	156	133593	55.089	ug/l	92
78) n-propylbenzene	12.763	91	663348	57.425	ug/l	98
79) 2-Chlorotoluene	12.851	91	367439	57.512	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	449785	57.163	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	32830	62.098	ug/l #	71
82) 4-Chlorotoluene	12.951	91	373754	56.395	ug/l	92
83) tert-Butylbenzene	13.169	119	380771	55.734	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	454099	57.149	ug/l	94
85) sec-Butylbenzene	13.345	105	594931	56.984	ug/l	98
86) p-Isopropyltoluene	13.463	119	495070	56.411	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	278024	54.903	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	273392	54.589	ug/l	97
89) n-Butylbenzene	13.792	91	445731	55.861	ug/l	99
90) Hexachloroethane	14.057	117	93055	56.054	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	242455	55.545	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14242	63.355	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	128805	55.636	ug/l	99
94) Hexachlorobutadiene	15.204	225	59694	54.434	ug/l	97
95) Naphthalene	15.333	128	280268	63.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	118262	57.654	ug/l	99

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

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