

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075218.D
 Acq On : 26 Jan 2023 18:40
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/27/2023

Quant Time: Jan 27 00:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	60713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	105615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	94869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34117	55.069	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.140%			
35) Dibromofluoromethane	7.805	113	33720	52.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.680%			
50) Toluene-d8	10.269	98	135655	53.985	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.960%			
62) 4-Bromofluorobenzene	12.575	95	41387	51.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24103	51.055	ug/l	93
3) Chloromethane	2.146	50	37942	48.379	ug/l	98
4) Vinyl Chloride	2.281	62	41117	48.859	ug/l	95
5) Bromomethane	2.693	94	26351	46.042	ug/l	99
6) Chloroethane	2.840	64	28068	48.102	ug/l	98
7) Trichlorofluoromethane	3.181	101	56491	52.811	ug/l	100
8) Diethyl Ether	3.593	74	17292	50.172	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	35581	53.883	ug/l	99
10) Methyl Iodide	4.169	142	42388	47.685	ug/l	98
11) Tert butyl alcohol	5.052	59	8208	189.911	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	34463	49.574	ug/l	95
13) Acrolein	3.799	56	10718	307.296	ug/l	98
14) Allyl chloride	4.564	41	54778	48.553	ug/l	92
15) Acrylonitrile	5.252	53	38609	264.927	ug/l	97
16) Acetone	4.022	43	40138	245.645	ug/l	95
17) Carbon Disulfide	4.275	76	110572	49.039	ug/l	99
18) Methyl Acetate	4.569	43	22772	51.272	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	74811	51.516	ug/l	96
20) Methylene Chloride	4.799	84	45458	54.045	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	39915	51.577	ug/l	97
22) Diisopropyl ether	6.216	45	112251	53.456	ug/l	97
23) Vinyl Acetate	6.158	43	253571	273.986	ug/l	95
24) 1,1-Dichloroethane	6.122	63	71639	54.287	ug/l	98
25) 2-Butanone	7.087	43	51056	258.530	ug/l	97
26) 2,2-Dichloropropane	7.081	77	56982	48.439	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	44505	52.756	ug/l	97
28) Bromochloromethane	7.428	49	17769	49.318	ug/l	97
29) Tetrahydrofuran	7.446	42	29578	262.594	ug/l	99
30) Chloroform	7.599	83	69860	53.087	ug/l	91
31) Cyclohexane	7.881	56	62279	50.124	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	61425	54.180	ug/l	99
36) 1,1-Dichloropropene	8.010	75	55602	54.225	ug/l	98
37) Ethyl Acetate	7.169	43	20426	49.445	ug/l	99
38) Carbon Tetrachloride	7.993	117	48603	56.296	ug/l	98
39) Methylcyclohexane	9.275	83	66671	52.761	ug/l	98
40) Benzene	8.252	78	156473	53.510	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11699	47.064	ug/l	97
42) 1,2-Dichloroethane	8.328	62	42099	54.808	ug/l	99
43) Isopropyl Acetate	8.363	43	41035	51.044	ug/l #	85
44) Trichloroethene	9.028	130	41292	50.215	ug/l	94
45) 1,2-Dichloropropane	9.304	63	38587	53.569	ug/l	97
46) Dibromomethane	9.393	93	20220	53.227	ug/l	96
47) Bromodichloromethane	9.587	83	51986	55.160	ug/l	95
48) Methyl methacrylate	9.381	41	20807	52.929	ug/l	96
49) 1,4-Dioxane	9.387	88	3419	942.743	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	104742	271.321	ug/l	97
52) Toluene	10.334	92	97946	53.003	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	46930	52.633	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	58818	53.993	ug/l	96
55) 1,1,2-Trichloroethane	10.740	97	27045	53.795	ug/l	93
56) Ethyl methacrylate	10.599	69	32608	53.934	ug/l	98
57) 1,3-Dichloropropane	10.881	76	48089	55.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	57385	277.383	ug/l	99
59) 2-Hexanone	10.922	43	73927	264.845	ug/l	98
60) Dibromochloromethane	11.081	129	32779	54.094	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25926	53.974	ug/l	98
64) Tetrachloroethene	10.810	164	34773	51.328	ug/l	95
65) Chlorobenzene	11.610	112	101071	51.992	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	35151	53.759	ug/l	98
67) Ethyl Benzene	11.687	91	185946	53.139	ug/l	98
68) m/p-Xylenes	11.798	106	146940	108.703	ug/l	100
69) o-Xylene	12.122	106	68186	53.775	ug/l	100
70) Styrene	12.140	104	113706	53.944	ug/l	100
71) Bromoform	12.304	173	19124	56.641	ug/l #	94
73) Isopropylbenzene	12.422	105	182499	51.041	ug/l	99
74) N-amyl acetate	12.240	43	37593	47.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.681	83	29044	50.983	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	19303m	50.351	ug/l	
77) Bromobenzene	12.704	156	39109	47.887	ug/l	94
78) n-propylbenzene	12.769	91	224359	51.064	ug/l	98
79) 2-Chlorotoluene	12.851	91	121035	50.087	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	150853	51.496	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7915	47.890	ug/l	87
82) 4-Chlorotoluene	12.951	91	125597	50.552	ug/l	100
83) tert-Butylbenzene	13.169	119	133431	52.642	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	147042	51.111	ug/l	99
85) sec-Butylbenzene	13.351	105	198495	51.551	ug/l	98
86) p-Isopropyltoluene	13.463	119	163815	51.966	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	79133	49.986	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	78435	50.357	ug/l	99
89) n-Butylbenzene	13.792	91	158023	51.443	ug/l	98
90) Hexachloroethane	14.057	117	28150	50.568	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	68578	50.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4559	52.340	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	41593	46.766	ug/l	98
94) Hexachlorobutadiene	15.210	225	21351	48.984	ug/l	98
95) Naphthalene	15.339	128	79511	44.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	35446	46.707	ug/l	100

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

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