

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075315.D
 Acq On : 10 Feb 2023 17:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:41:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	47181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	77048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	71445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29060	52.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.060%			
35) Dibromofluoromethane	7.804	113	28236	52.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.520%			
50) Toluene-d8	10.269	98	103439	50.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.575	95	35139	52.013	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	18002	47.221	ug/l	99
3) Chloromethane	2.146	50	32558	49.807	ug/l	100
4) Vinyl Chloride	2.281	62	35699	45.480	ug/l	97
5) Bromomethane	2.687	94	21622	43.053	ug/l	99
6) Chloroethane	2.834	64	24617	45.461	ug/l	96
7) Trichlorofluoromethane	3.175	101	46472	47.617	ug/l	98
8) Diethyl Ether	3.593	74	13498	51.448	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	28024	50.601	ug/l	99
10) Methyl Iodide	4.164	142	31455	47.009	ug/l	94
11) Tert butyl alcohol	5.052	59	6657	200.690	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	26537	50.253	ug/l	98
13) Acrolein	3.799	56	5517	343.456	ug/l	95
14) Allyl chloride	4.558	41	44617	50.782	ug/l	95
15) Acrylonitrile	5.258	53	33131	273.336	ug/l	99
16) Acetone	4.022	43	36554	249.879	ug/l	96
17) Carbon Disulfide	4.275	76	76245	46.800	ug/l	98
18) Methyl Acetate	4.558	43	20668	53.334	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	64505	53.205	ug/l	94
20) Methylene Chloride	4.805	84	35781	59.161	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	30681	51.343	ug/l	98
22) Diisopropyl ether	6.216	45	95277	54.520	ug/l	96
23) Vinyl Acetate	6.158	43	162250	273.507	ug/l	100
24) 1,1-Dichloroethane	6.110	63	58206	53.422	ug/l	98
25) 2-Butanone	7.081	43	45953	253.519	ug/l	99
26) 2,2-Dichloropropane	7.081	77	48588	50.381	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	34970	52.308	ug/l	99
28) Bromochloromethane	7.428	49	15068	55.891	ug/l	94
29) Tetrahydrofuran	7.446	42	26686	273.404	ug/l	98
30) Chloroform	7.593	83	60535	53.980	ug/l	96
31) Cyclohexane	7.881	56	47559	48.412	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	52297	52.135	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43814	52.061	ug/l	97
37) Ethyl Acetate	7.169	43	19574	53.329	ug/l #	95
38) Carbon Tetrachloride	7.987	117	41177	52.801	ug/l	95
39) Methylcyclohexane	9.275	83	48720	50.014	ug/l	97
40) Benzene	8.252	78	124226	52.520	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9240	42.200	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	36868	53.837	ug/l	99
43) Isopropyl Acetate	8.363	43	37815	53.918	ug/l	98
44) Trichloroethene	9.028	130	32830	50.352	ug/l	99
45) 1,2-Dichloropropane	9.310	63	31889	53.085	ug/l	97
46) Dibromomethane	9.393	93	18372	55.189	ug/l	92
47) Bromodichloromethane	9.587	83	44314	53.486	ug/l	97
48) Methyl methacrylate	9.381	41	19103	57.354	ug/l	93
49) 1,4-Dioxane	9.381	88	2863	903.677	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	98376	277.456	ug/l	95
52) Toluene	10.334	92	79613	53.437	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	40632	56.618	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	47795	55.704	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	23387	55.035	ug/l	96
56) Ethyl methacrylate	10.598	69	27896	56.466	ug/l	93
57) 1,3-Dichloropropane	10.881	76	40630	56.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	42972	294.203	ug/l	99
59) 2-Hexanone	10.922	43	69494	268.275	ug/l	97
60) Dibromochloromethane	11.075	129	29694	56.399	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22072	53.866	ug/l	99
64) Tetrachloroethene	10.810	164	26971	49.015	ug/l	94
65) Chlorobenzene	11.610	112	83641	51.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31051	52.933	ug/l	95
67) Ethyl Benzene	11.687	91	155051	52.125	ug/l	98
68) m/p-Xylenes	11.793	106	120247	106.272	ug/l	97
69) o-Xylene	12.122	106	56404	53.366	ug/l	98
70) Styrene	12.140	104	98030	54.754	ug/l	100
71) Bromoform	12.298	173	17154	54.441	ug/l #	97
73) Isopropylbenzene	12.422	105	151281	49.864	ug/l	98
74) N-amyl acetate	12.234	43	35536	52.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	27000	51.153	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	20860m	49.039	ug/l	
77) Bromobenzene	12.704	156	34459	50.159	ug/l	99
78) n-propylbenzene	12.763	91	188215	49.857	ug/l	99
79) 2-Chlorotoluene	12.851	91	103925	50.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	128383	50.822	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6874	52.351	ug/l	89
82) 4-Chlorotoluene	12.951	91	105687	48.928	ug/l	100
83) tert-Butylbenzene	13.169	119	108492	49.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	127784	50.647	ug/l	98
85) sec-Butylbenzene	13.345	105	167670	50.187	ug/l	98
86) p-Isopropyltoluene	13.463	119	141088	51.625	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	68635	49.429	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	68710	49.452	ug/l	99
89) n-Butylbenzene	13.787	91	134664	50.472	ug/l	99
90) Hexachloroethane	14.057	117	26160	48.553	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	61981	51.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4255	51.974	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	36865	48.855	ug/l	98
94) Hexachlorobutadiene	15.210	225	19244	48.338	ug/l	99
95) Naphthalene	15.334	128	71871	51.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	32823	50.415	ug/l	99

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

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