

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075090.D
 Acq On : 09 Jan 2023 13:26
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 03:01:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	170140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	147082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48344	47.575	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.160%		
35) Dibromofluoromethane	7.810	113	51949	48.540	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.080%		
50) Toluene-d8	10.269	98	199605	47.038	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.080%		
62) 4-Bromofluorobenzene	12.575	95	62297	45.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21987	40.098	ug/l	100
3) Chloromethane	2.146	50	35089	40.782	ug/l	100
4) Vinyl Chloride	2.287	62	40829	43.550	ug/l	100
5) Bromomethane	2.693	94	26364	41.792	ug/l	100
6) Chloroethane	2.834	64	31093	44.073	ug/l	100
7) Trichlorofluoromethane	3.175	101	59913	44.853	ug/l	100
8) Diethyl Ether	3.593	74	22294	48.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	42661	46.034	ug/l	100
10) Methyl Iodide	4.169	142	45869	49.028	ug/l	100
11) Tert butyl alcohol	5.046	59	16237	278.140	ug/l	100
12) 1,1-Dichloroethene	3.946	96	38657	44.980	ug/l	100
13) Acrolein	3.793	56	20516	221.909	ug/l	100
14) Allyl chloride	4.563	41	70546m	47.949	ug/l	
15) Acrylonitrile	5.257	53	59376	248.447	ug/l	100
16) Acetone	4.022	43	56685	235.431	ug/l	100
17) Carbon Disulfide	4.269	76	71070	42.240	ug/l	100
18) Methyl Acetate	4.563	43	29140	40.612	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	110885	49.262	ug/l	100
20) Methylene Chloride	4.805	84	62693	36.684	ug/l	100
21) trans-1,2-Dichloroethene	5.310	96	43091	45.727	ug/l	100
22) Diisopropyl ether	6.222	45	155255	49.302	ug/l	100
23) Vinyl Acetate	6.157	43	298894m	306.724	ug/l	
24) 1,1-Dichloroethane	6.116	63	88818	46.902	ug/l	100
25) 2-Butanone	7.087	43	76440	239.670	ug/l	100
26) 2,2-Dichloropropane	7.075	77	78730	46.356	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	57587	48.403	ug/l	100
28) Bromochloromethane	7.434	49	32870	50.044	ug/l	100
29) Tetrahydrofuran	7.446	42	43363	241.673	ug/l	100
30) Chloroform	7.599	83	91306	47.581	ug/l	100
31) Cyclohexane	7.881	56	62356	41.569	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	76254	46.311	ug/l	100
36) 1,1-Dichloropropene	8.010	75	60243	45.496	ug/l	100
37) Ethyl Acetate	7.169	43	32322m	43.690	ug/l	
38) Carbon Tetrachloride	7.993	117	56453	48.663	ug/l	100
39) Methylcyclohexane	9.275	83	68325	44.612	ug/l	100
40) Benzene	8.251	78	184235	46.634	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20946	48.771	ug/l	100
42) 1,2-Dichloroethane	8.328	62	52742	47.638	ug/l	100
43) Isopropyl Acetate	8.363	43	62991	49.435	ug/l	100
44) Trichloroethene	9.034	130	52136	45.916	ug/l	100
45) 1,2-Dichloropropane	9.304	63	50915	47.297	ug/l	100
46) Dibromomethane	9.393	93	26469	48.651	ug/l	100
47) Bromodichloromethane	9.587	83	69506	48.922	ug/l	100
48) Methyl methacrylate	9.381	41	27299	47.549	ug/l	100
49) 1,4-Dioxane	9.387	88	6189	1044.540	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	157369	244.577	ug/l	100
52) Toluene	10.334	92	117937	46.047	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	61598	47.437	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	77470	48.710	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	39359	49.672	ug/l	100
56) Ethyl methacrylate	10.598	69	46663	48.752	ug/l	100
57) 1,3-Dichloropropane	10.881	76	63065	47.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	90245	249.742	ug/l	100
59) 2-Hexanone	10.922	43	110330	245.135	ug/l	100
60) Dibromochloromethane	11.075	129	45658	48.664	ug/l	100
61) 1,2-Dibromoethane	11.181	107	33673	46.804	ug/l	100
64) Tetrachloroethene	10.810	164	42618	45.186	ug/l	100
65) Chlorobenzene	11.610	112	130979	47.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	47952	49.019	ug/l	100
67) Ethyl Benzene	11.687	91	231772	47.017	ug/l	100
68) m/p-Xylenes	11.798	106	175787	92.512	ug/l	100
69) o-Xylene	12.122	106	85500	46.427	ug/l	100
70) Styrene	12.139	104	145360	47.228	ug/l	100
71) Bromoform	12.304	173	25791	49.053	ug/l #	100
73) Isopropylbenzene	12.422	105	232376	47.894	ug/l	100
74) N-amyl acetate	12.239	43	55443	50.308	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	41211	49.560	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	31374m	46.200	ug/l	
77) Bromobenzene	12.704	156	51479	48.466	ug/l	100
78) n-propylbenzene	12.763	91	277905	47.757	ug/l	100
79) 2-Chlorotoluene	12.851	91	151922	47.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	184976	46.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11606	49.779	ug/l	100
82) 4-Chlorotoluene	12.951	91	154655	47.211	ug/l	100
83) tert-Butylbenzene	13.169	119	166955	48.059	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	181966	47.835	ug/l	100
85) sec-Butylbenzene	13.345	105	252081	47.890	ug/l	100
86) p-Isopropyltoluene	13.463	119	202678	47.668	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	99979	47.275	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	101085	47.268	ug/l	100
89) n-Butylbenzene	13.792	91	198255	47.411	ug/l	100
90) Hexachloroethane	14.057	117	35918	48.464	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	89000	47.018	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6186	46.260	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	59359	48.498	ug/l	100
94) Hexachlorobutadiene	15.210	225	29846	48.916	ug/l	100
95) Naphthalene	15.333	128	119021	49.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	51740	48.938	ug/l	100

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

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