

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075088.D
 Acq On : 09 Jan 2023 12:32
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 02:59:52 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	7.875	168	106281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11454	10.750	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.500%#		
35) Dibromofluoromethane	7.804	113	12043	10.549	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.100%#		
50) Toluene-d8	10.269	98	49613	10.960	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.920%#		
62) 4-Bromofluorobenzene	12.575	95	15706	10.809	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	7238	12.588	ug/l	92
3) Chloromethane	2.146	50	11806	13.086	ug/l	94
4) Vinyl Chloride	2.281	62	12244	12.455	ug/l	94
5) Bromomethane	2.687	94	8436	12.753	ug/l	98
6) Chloroethane	2.834	64	9055	12.240	ug/l	93
7) Trichlorofluoromethane	3.175	101	16528	11.800	ug/l	95
8) Diethyl Ether	3.593	74	5419	11.147	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	10974	11.293	ug/l	95
10) Methyl Iodide	4.169	142	10326	10.526	ug/l	98
11) Tert butyl alcohol	5.040	59	5266m	86.027	ug/l	
12) 1,1-Dichloroethene	3.940	96	10609	11.772	ug/l	91
13) Acrolein	3.799	56	5816	59.993	ug/l	94
14) Allyl chloride	4.563	41	17019	11.032	ug/l	96
15) Acrylonitrile	5.257	53	13755	54.889	ug/l	99
16) Acetone	4.028	43	14143	56.019	ug/l	100
17) Carbon Disulfide	4.269	76	24789	14.051	ug/l #	94
18) Methyl Acetate	4.569	43	7923	10.531	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	25713	10.894	ug/l #	89
20) Methylene Chloride	4.798	84	25392	14.170	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	11818	11.960	ug/l	98
22) Diisopropyl ether	6.222	45	36342	11.006	ug/l	96
23) Vinyl Acetate	6.157	43	64551	63.173	ug/l	97
24) 1,1-Dichloroethane	6.110	63	21808	10.983	ug/l	98
25) 2-Butanone	7.081	43	18875	56.439	ug/l	97
26) 2,2-Dichloropropane	7.075	77	19810	11.124	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	13971	11.199	ug/l	95
28) Bromochloromethane	7.422	49	7450	10.817	ug/l #	99
29) Tetrahydrofuran	7.451	42	10066	53.501	ug/l	96
30) Chloroform	7.598	83	22497	11.180	ug/l	95
31) Cyclohexane	7.881	56	20146	12.808	ug/l #	85
32) 1,1,1-Trichloroethane	7.787	97	19221	11.133	ug/l	95
36) 1,1-Dichloropropene	8.010	75	16254	11.507	ug/l	99
37) Ethyl Acetate	7.169	43	9029	11.441	ug/l	96
38) Carbon Tetrachloride	7.992	117	13202	10.668	ug/l	84
39) Methylcyclohexane	9.275	83	19022	11.643	ug/l	92
40) Benzene	8.251	78	47656	11.308	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	5340m	11.656	ug/l	
42) 1,2-Dichloroethane	8.322	62	12843	10.874	ug/l	98
43) Isopropyl Acetate	8.363	43	14866	10.937	ug/l	98
44) Trichloroethene	9.028	130	13506	11.150	ug/l	98
45) 1,2-Dichloropropane	9.304	63	12666	11.030	ug/l	99
46) Dibromomethane	9.392	93	6277	10.815	ug/l	96
47) Bromodichloromethane	9.586	83	16421	10.835	ug/l	98
48) Methyl methacrylate	9.381	41	6762	11.041	ug/l	94
49) 1,4-Dioxane	9.386	88	1238	195.865	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	35907	52.313	ug/l	98
52) Toluene	10.334	92	31362	11.479	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	14713	10.622	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	17750	10.462	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	8935	10.570	ug/l	96
56) Ethyl methacrylate	10.598	69	10911	10.686	ug/l #	95
57) 1,3-Dichloropropane	10.881	76	15285	10.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	21506	55.791	ug/l	98
59) 2-Hexanone	10.928	43	25026	52.124	ug/l	99
60) Dibromochloromethane	11.075	129	10587	10.578	ug/l	94
61) 1,2-Dibromoethane	11.181	107	8617	11.228	ug/l	95
64) Tetrachloroethene	10.810	164	11243	11.008	ug/l	97
65) Chlorobenzene	11.610	112	32759	10.927	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	11161	10.536	ug/l	96
67) Ethyl Benzene	11.686	91	57965	10.858	ug/l	98
68) m/p-Xylenes	11.798	106	45770	22.244	ug/l	94
69) o-Xylene	12.122	106	21885	10.974	ug/l	96
70) Styrene	12.139	104	35635	10.692	ug/l	98
71) Bromoform	12.298	173	6105	10.722	ug/l #	93
73) Isopropylbenzene	12.422	105	58872	10.795	ug/l	99
74) N-amyl acetate	12.233	43	12596	10.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	9634	10.308	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	7345m	9.623	ug/l	
77) Bromobenzene	12.704	156	12368	10.360	ug/l	99
78) n-propylbenzene	12.763	91	69851	10.680	ug/l	99
79) 2-Chlorotoluene	12.851	91	37759	10.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	47202	10.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2866	10.937	ug/l	92
82) 4-Chlorotoluene	12.951	91	39360	10.690	ug/l	98
83) tert-Butylbenzene	13.169	119	40354	10.335	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	44686	10.451	ug/l	99
85) sec-Butylbenzene	13.345	105	62657	10.590	ug/l	100
86) p-Isopropyltoluene	13.463	119	50263	10.517	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	25466	10.713	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	26694	11.105	ug/l	98
89) n-Butylbenzene	13.792	91	50262	10.694	ug/l	98
90) Hexachloroethane	14.057	117	8628	10.357	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	23209	10.909	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1575	10.479	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	14137	10.276	ug/l	98
94) Hexachlorobutadiene	15.210	225	7162	10.443	ug/l	98
95) Naphthalene	15.333	128	26774	9.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	12176	10.246	ug/l	98

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

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