

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075026.D
 Acq On : 15 Dec 2022 14:09
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 16 05:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	198752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	288231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	258954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	120110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72680	44.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.780%
35) Dibromofluoromethane	7.810	113	105729	54.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.269	98	359891	51.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.575	95	105144	51.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	52215	40.860	ug/l	100
3) Chloromethane	2.146	50	84033	40.102	ug/l	100
4) Vinyl Chloride	2.281	62	110623	43.002	ug/l	100
5) Bromomethane	2.693	94	84999	40.066	ug/l	100
6) Chloroethane	2.840	64	83078	43.482	ug/l	100
7) Trichlorofluoromethane	3.175	101	138975	43.787	ug/l	100
8) Diethyl Ether	3.593	74	41797	44.491	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	94072	45.096	ug/l	100
10) Methyl Iodide	4.164	142	108299	47.939	ug/l	100
11) Tert butyl alcohol	5.063	59	21579	206.803	ug/l	100
12) 1,1-Dichloroethene	3.946	96	86800	44.338	ug/l	100
13) Acrolein	3.799	56	41941	205.204	ug/l	100
14) Allyl chloride	4.564	41	102177	45.510	ug/l	100
15) Acrylonitrile	5.258	53	89240	226.240	ug/l	100
16) Acetone	4.022	43	95265	240.657	ug/l	100
17) Carbon Disulfide	4.275	76	196157	43.471	ug/l	100
18) Methyl Acetate	4.564	43	40041	36.414	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	191904	45.872	ug/l	100
20) Methylene Chloride	4.805	84	118618	27.413	ug/l	100
21) trans-1,2-Dichloroethene	5.322	96	98901	45.478	ug/l	100
22) Diisopropyl ether	6.216	45	243323	48.098	ug/l	100
23) Vinyl Acetate	6.158	43	481718	271.939	ug/l	100
24) 1,1-Dichloroethane	6.116	63	167245	45.341	ug/l	100
25) 2-Butanone	7.081	43	111653	228.549	ug/l	100
26) 2,2-Dichloropropane	7.081	77	151871	45.166	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	117507	45.632	ug/l	100
28) Bromochloromethane	7.428	49	51634	45.149	ug/l	100
29) Tetrahydrofuran	7.446	42	59777	236.593	ug/l	100
30) Chloroform	7.599	83	183149	47.806	ug/l	100
31) Cyclohexane	7.881	56	116481	46.267	ug/l	100
32) 1,1,1-Trichloroethane	7.799	97	158704	48.870	ug/l	100
36) 1,1-Dichloropropene	8.010	75	108103	49.385	ug/l	100
37) Ethyl Acetate	7.169	43	44479	51.209	ug/l	100
38) Carbon Tetrachloride	7.993	117	101390	51.209	ug/l	100
39) Methylcyclohexane	9.275	83	123052	51.573	ug/l	100
40) Benzene	8.252	78	327727	50.626	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	26717	55.690	ug/l	100
42) 1,2-Dichloroethane	8.328	62	78799	49.370	ug/l	100
43) Isopropyl Acetate	8.363	43	72350	49.635	ug/l	100
44) Trichloroethene	9.028	130	89317	49.281	ug/l	100
45) 1,2-Dichloropropane	9.304	63	80825	50.007	ug/l	100
46) Dibromomethane	9.399	93	44156	49.788	ug/l	100
47) Bromodichloromethane	9.587	83	112438	49.743	ug/l	100
48) Methyl methacrylate	9.381	41	33797	49.767	ug/l	100
49) 1,4-Dioxane	9.387	88	9224	1057.627	ug/l	100
51) 4-Methyl-2-Pentanone	10.163	43	195916	258.050	ug/l	100
52) Toluene	10.334	92	219316	51.570	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	100453	51.015	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	124433	50.912	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	64480	50.464	ug/l	100
56) Ethyl methacrylate	10.598	69	74263	52.681	ug/l	100
57) 1,3-Dichloropropane	10.881	76	104784	50.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	118505	256.659	ug/l	100
59) 2-Hexanone	10.922	43	146068	267.171	ug/l	100
60) Dibromochloromethane	11.075	129	75238	50.312	ug/l	100
61) 1,2-Dibromoethane	11.181	107	57758	49.725	ug/l	100
64) Tetrachloroethene	10.810	164	74903	49.064	ug/l	100
65) Chlorobenzene	11.610	112	234417	50.237	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	83235	49.758	ug/l	100
67) Ethyl Benzene	11.687	91	425416	52.354	ug/l	100
68) m/p-Xylenes	11.798	106	333336	104.906	ug/l	100
69) o-Xylene	12.122	106	157697	52.767	ug/l	100
70) Styrene	12.140	104	274281	53.071	ug/l	100
71) Bromoform	12.304	173	43011	50.424	ug/l #	100
73) Isopropylbenzene	12.422	105	422197	53.714	ug/l	100
74) N-amyl acetate	12.234	43	70535	52.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	71333	49.731	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	49779m	32.817	ug/l	
77) Bromobenzene	12.704	156	92351	51.589	ug/l	100
78) n-propylbenzene	12.763	91	517736	53.884	ug/l	100
79) 2-Chlorotoluene	12.851	91	278052	52.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	346085	53.040	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19188	51.353	ug/l	100
82) 4-Chlorotoluene	12.951	91	285185	52.054	ug/l	100
83) tert-Butylbenzene	13.169	119	299631	53.203	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	345429	53.414	ug/l	100
85) sec-Butylbenzene	13.345	105	468729	53.368	ug/l	100
86) p-Isopropyltoluene	13.463	119	385740	53.176	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	194360	51.171	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	187791	50.292	ug/l	100
89) n-Butylbenzene	13.792	91	361368	53.116	ug/l	100
90) Hexachloroethane	14.057	117	67730	51.939	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	166261	51.040	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9730	50.919	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	101597	51.674	ug/l	100
94) Hexachlorobutadiene	15.210	225	54873	52.588	ug/l	100
95) Naphthalene	15.334	128	190692	52.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	88975	51.713	ug/l	100

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

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