

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075028.D
 Acq On : 15 Dec 2022 15:04
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 16 05:04:10 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	173624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	292960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	265754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	217952	152.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 304.740%#	
35) Dibromofluoromethane	7.810	113	253191	128.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 256.260%#	
50) Toluene-d8	10.269	98	1081311	153.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 306.360%#	
62) 4-Bromofluorobenzene	12.575	95	320193	154.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 309.340%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	151942	136.108	ug/l	97
3) Chloromethane	2.146	50	235505	128.654	ug/l	98
4) Vinyl Chloride	2.281	62	316394	140.790	ug/l	98
5) Bromomethane	2.669	94	255380	137.802	ug/l	99
6) Chloroethane	2.828	64	242683	145.399	ug/l	97
7) Trichlorofluoromethane	3.175	101	408303	147.263	ug/l	97
8) Diethyl Ether	3.593	74	126677	154.357	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	271832	149.170	ug/l	99
10) Methyl Iodide	4.163	142	351033	177.876	ug/l	100
11) Tert butyl alcohol	5.063	59	65239	715.707	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	263567	154.117	ug/l	98
13) Acrolein	3.799	56	130838	732.795	ug/l	98
14) Allyl chloride	4.563	41	308905	157.501	ug/l	99
15) Acrylonitrile	5.257	53	269323	781.601	ug/l	98
16) Acetone	4.022	43	281686	814.578	ug/l	95
17) Carbon Disulfide	4.269	76	569892	144.574	ug/l	99
18) Methyl Acetate	4.563	43	124427	129.531	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	589504	161.307	ug/l	98
20) Methylene Chloride	4.804	84	300562	79.512	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	285759	150.419	ug/l	98
22) Diisopropyl ether	6.216	45	718163	162.506	ug/l	100
23) Vinyl Acetate	6.157	43	1562782	1009.901	ug/l	100
24) 1,1-Dichloroethane	6.116	63	491537	152.544	ug/l	99
25) 2-Butanone	7.081	43	326950	766.112	ug/l	99
26) 2,2-Dichloropropane	7.081	77	445690	151.729	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	346735	154.136	ug/l	99
28) Bromochloromethane	7.428	49	130509	130.632	ug/l	96
29) Tetrahydrofuran	7.445	42	157036	711.489	ug/l	98
30) Chloroform	7.598	83	443501	132.519	ug/l	100
31) Cyclohexane	7.881	56	307968	140.031	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	387961	136.757	ug/l	99
36) 1,1-Dichloropropene	8.010	75	320540	144.070	ug/l	100
37) Ethyl Acetate	7.169	43	113036	128.038	ug/l	99
38) Carbon Tetrachloride	7.992	117	309138	153.616	ug/l	98
39) Methylcyclohexane	9.275	83	372806	153.727	ug/l	97
40) Benzene	8.251	78	970742	147.534	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	70139	143.840	ug/l	99
42) 1,2-Dichloroethane	8.328	62	227646	140.325	ug/l	100
43) Isopropyl Acetate	8.363	43	220795	149.031	ug/l	99
44) Trichloroethene	9.028	130	272571	147.963	ug/l	99
45) 1,2-Dichloropropane	9.304	63	242010	147.315	ug/l	95
46) Dibromomethane	9.398	93	129702	143.884	ug/l	97
47) Bromodichloromethane	9.586	83	337519	146.910	ug/l	99
48) Methyl methacrylate	9.381	41	104649	151.611	ug/l	99
49) 1,4-Dioxane	9.381	88	27784	3134.300	ug/l	98
51) 4-Methyl-2-Pentanone	10.163	43	585080	758.195	ug/l	99
52) Toluene	10.333	92	650003	150.375	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	319435	159.607	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	384041	154.594	ug/l	99
55) 1,1,2-Trichloroethane	10.733	97	188939	145.483	ug/l	97
56) Ethyl methacrylate	10.598	69	228098	159.197	ug/l	99
57) 1,3-Dichloropropane	10.880	76	310781	147.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	410125	873.915	ug/l	99
59) 2-Hexanone	10.922	43	432577	778.448	ug/l	98
60) Dibromochloromethane	11.075	129	225791	148.551	ug/l	99
61) 1,2-Dibromoethane	11.180	107	172887	146.440	ug/l	98
64) Tetrachloroethene	10.810	164	217694	138.950	ug/l	99
65) Chlorobenzene	11.610	112	705878	147.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	258926	150.827	ug/l	98
67) Ethyl Benzene	11.686	91	1302754	156.222	ug/l	97
68) m/p-Xylenes	11.792	106	1019534	312.653	ug/l	100
69) o-Xylene	12.122	106	488098	159.142	ug/l	99
70) Styrene	12.139	104	835625	157.550	ug/l	99
71) Bromoform	12.298	173	129012	147.378	ug/l #	99
73) Isopropylbenzene	12.422	105	1285061	158.596	ug/l	99
74) N-amyl acetate	12.233	43	213130	154.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	209819	141.900	ug/l	100
76) 1,2,3-Trichloropropane	12.727	75	121667m	77.807	ug/l	
77) Bromobenzene	12.704	156	279809	151.627	ug/l	99
78) n-propylbenzene	12.763	91	1531444	154.614	ug/l	100
79) 2-Chlorotoluene	12.851	91	828560	151.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1041108	154.780	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	60900	158.108	ug/l	97
82) 4-Chlorotoluene	12.951	91	846869	149.948	ug/l	99
83) tert-Butylbenzene	13.169	119	919840	158.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	1049879	157.483	ug/l	100
85) sec-Butylbenzene	13.345	105	1413214	156.087	ug/l	99
86) p-Isopropyltoluene	13.463	119	1203788	160.980	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	596420	152.323	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	556741	144.635	ug/l	99
89) n-Butylbenzene	13.786	91	1111970	158.550	ug/l	100
90) Hexachloroethane	14.057	117	208748	155.285	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	492219	146.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	28288	143.605	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	319609	157.691	ug/l	98
94) Hexachlorobutadiene	15.204	225	166531	154.818	ug/l	98
95) Naphthalene	15.333	128	612680	162.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	276427	155.852	ug/l	99

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

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