

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072470.D
 Acq On : 30 Mar 2022 11:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 03:06:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	425592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	686520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	625182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	310535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227452	44.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.360%
35) Dibromofluoromethane	7.908	113	246942	46.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.338	98	871822	47.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.626	95	336311	46.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	178963	52.985	ug/l	93
3) Chloromethane	2.209	50	176772	56.583	ug/l	96
4) Vinyl Chloride	2.350	62	191055	53.145	ug/l	100
5) Bromomethane	2.767	94	134716	55.959	ug/l	94
6) Chloroethane	2.920	64	131177	57.008	ug/l	98
7) Trichlorofluoromethane	3.279	101	408012	55.653	ug/l	97
8) Diethyl Ether	3.714	74	111314	51.092	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	262052	53.596	ug/l	98
10) Methyl Iodide	4.303	142	236692	51.790	ug/l	100
11) Tert butyl alcohol	5.214	59	61395	225.816	ug/l	98
12) 1,1-Dichloroethene	4.067	96	212134	55.495	ug/l	89
13) Acrolein	3.920	56	20808	172.465	ug/l	93
14) Allyl chloride	4.714	41	319723	47.685	ug/l #	92
15) Acrylonitrile	5.414	53	266499	244.591	ug/l	97
16) Acetone	4.156	43	234344	244.108	ug/l	91
17) Carbon Disulfide	4.414	76	457803	54.914	ug/l	99
18) Methyl Acetate	4.714	43	115100	42.558	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	568846	50.984	ug/l	97
20) Methylene Chloride	4.967	84	262941	46.008	ug/l	83
21) trans-1,2-Dichloroethene	5.473	96	247788	53.061	ug/l	90
22) Diisopropyl ether	6.367	45	806051	52.484	ug/l #	91
23) Vinyl Acetate	6.302	43	2076505	251.342	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	490357	52.985	ug/l	98
25) 2-Butanone	7.208	43	326362	245.809	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	440063	53.535	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	307330	52.952	ug/l	92
28) Bromochloromethane	7.544	49	200008	50.438	ug/l #	79
29) Tetrahydrofuran	7.561	42	200915	250.644	ug/l	89
30) Chloroform	7.708	83	535877	51.475	ug/l	96
31) Cyclohexane	7.985	56	379012	56.301	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	484688	54.892	ug/l	95
36) 1,1-Dichloropropene	8.108	75	369875	54.154	ug/l	97
37) Ethyl Acetate	7.291	43	143473	50.751	ug/l #	93
38) Carbon Tetrachloride	8.096	117	417785	56.841	ug/l	99
39) Methylcyclohexane	9.355	83	423333	53.124	ug/l	96
40) Benzene	8.349	78	1063758	57.091	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	85456m	51.667	ug/l	
42) 1,2-Dichloroethane	8.420	62	302435	53.104	ug/l	97
43) Isopropyl Acetate	8.449	43	281648	51.939	ug/l #	92
44) Trichloroethene	9.108	130	294925	55.753	ug/l	97
45) 1,2-Dichloropropane	9.385	63	279004	53.829	ug/l	94
46) Dibromomethane	9.473	93	147809	54.354	ug/l	97
47) Bromodichloromethane	9.655	83	406704	52.059	ug/l #	95
48) Methyl methacrylate	9.449	41	142414	54.095	ug/l #	86
49) 1,4-Dioxane	9.461	88	34166	1056.200	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	747362	256.853	ug/l	92
52) Toluene	10.396	92	711682	57.494	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	369488	54.274	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	430623	53.500	ug/l #	88
55) 1,1,2-Trichloroethane	10.796	97	218119	52.908	ug/l	97
56) Ethyl methacrylate	10.655	69	253881	50.082	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	358909	52.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	523904	257.402	ug/l	94
59) 2-Hexanone	10.979	43	517064	261.322	ug/l	91
60) Dibromochloromethane	11.132	129	279040	52.471	ug/l	100
61) 1,2-Dibromoethane	11.237	107	200728	54.838	ug/l	99
64) Tetrachloroethene	10.873	164	235116	57.560	ug/l	94
65) Chlorobenzene	11.661	112	772389	55.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	304544	54.498	ug/l	98
67) Ethyl Benzene	11.737	91	1391253	57.044	ug/l	98
68) m/p-Xylenes	11.849	106	1064352	115.031	ug/l	99
69) o-Xylene	12.173	106	510010	57.128	ug/l	96
70) Styrene	12.190	104	884046	56.188	ug/l	98
71) Bromoform	12.349	173	150739	50.883	ug/l #	98
73) Isopropylbenzene	12.473	105	1415657	56.448	ug/l	99
74) N-amyl acetate	12.279	43	271513	51.598	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	239236	50.363	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	159274m	47.027	ug/l	
77) Bromobenzene	12.755	156	304935	54.247	ug/l	93
78) n-propylbenzene	12.814	91	1734489	57.330	ug/l	99
79) 2-Chlorotoluene	12.896	91	981172	55.454	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1182116	55.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	72210	52.316	ug/l	89
82) 4-Chlorotoluene	12.996	91	1005712	54.577	ug/l	99
83) tert-Butylbenzene	13.214	119	1037023	55.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1170542	55.731	ug/l	99
85) sec-Butylbenzene	13.390	105	1574564	56.217	ug/l	99
86) p-Isopropyltoluene	13.508	119	1287481	56.237	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	629396	54.036	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	614837	52.373	ug/l	99
89) n-Butylbenzene	13.831	91	1232247	56.502	ug/l	98
90) Hexachloroethane	14.102	117	251445	53.651	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	545172	53.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	35579	50.644	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	339416	53.301	ug/l	99
94) Hexachlorobutadiene	15.249	225	196635	55.127	ug/l	98
95) Naphthalene	15.384	128	615802	49.768	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	289925	52.165	ug/l	99

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

