

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065703.D
 Acq On : 07 May 2020 10:23
 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: May 08 07:33:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	432996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	653091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	568214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	206131	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	7.92	113	213072	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.34	98	824046	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.64	95	278947	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	159465	46.955	ug/l	97
3) Chloromethane	2.21	50	211062	49.277	ug/l	98
4) Vinyl Chloride	2.35	62	224103	51.639	ug/l	97
5) Bromomethane	2.77	94	138167	50.445	ug/l	96
6) Chloroethane	2.92	64	139009	49.865	ug/l	95
7) Trichlorofluoromethane	3.27	101	326431	47.154	ug/l	99
8) Diethyl Ether	3.71	74	95042	43.822	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	201508	47.952	ug/l	99
10) Methyl Iodide	4.30	142	206826	50.175	ug/l	97
11) Tert butyl alcohol	5.22	59	74174	226.306	ug/l	99
12) 1,1-Dichloroethene	4.07	96	197150	47.735	ug/l	94
13) Acrolein	3.92	56	80973	227.212	ug/l	99
14) Allyl chloride	4.71	41	360036	43.729	ug/l	98
15) Acrylonitrile	5.42	53	218424	214.214	ug/l	100
16) Acetone	4.16	43	266614	287.922	ug/l	94
17) Carbon Disulfide	4.40	76	635029	46.758	ug/l	98
18) Methyl Acetate	4.71	43	94560	41.070	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	448749	44.812	ug/l	96
20) Methylene Chloride	4.96	84	210232	45.069	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	218734	46.264	ug/l	99
22) Diisopropyl ether	6.36	45	678880	44.339	ug/l	99
23) Vinyl Acetate	6.30	43	2038124	220.395	ug/l	99
24) 1,1-Dichloroethane	6.26	63	375731	44.796	ug/l	99
25) 2-Butanone	7.21	43	325303	236.834	ug/l	98
26) 2,2-Dichloropropane	7.21	77	346789	45.922	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	240654	46.908	ug/l	96
28) Bromochloromethane	7.54	49	176622	50.489	ug/l	96
29) Tetrahydrofuran	7.56	42	189234	213.750	ug/l	97
30) Chloroform	7.71	83	368887	45.703	ug/l	98
31) Cyclohexane	7.99	56	378216	43.579	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	347532	46.449	ug/l	99
36) 1,1-Dichloropropene	8.11	75	305543	47.108	ug/l	97
37) Ethyl Acetate	7.29	43	138552	44.364	ug/l	99
38) Carbon Tetrachloride	8.10	117	314433	48.896	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	401061	49.253	ug/l	96
40) Benzene	8.35	78	838858	47.357	ug/l	98
41) Methacrylonitrile	7.53	41	81825	45.423	ug/l	92
42) 1,2-Dichloroethane	8.43	62	233181	45.748	ug/l	99
43) Isopropyl Acetate	8.46	43	274615	43.972	ug/l	100
44) Trichloroethene	9.11	130	240908	49.352	ug/l	100
45) 1,2-Dichloropropane	9.39	63	213651	46.640	ug/l	96
46) Dibromomethane	9.48	93	107074	46.598	ug/l	96
47) Bromodichloromethane	9.66	83	287718	46.824	ug/l	99
48) Methyl methacrylate	9.46	41	135294	43.265	ug/l	98
49) 1,4-Dioxane	9.46	88	25823	916.800	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	670802	222.867	ug/l	98
52) Toluene	10.40	92	540498	48.251	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	290277	46.639	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	346081	47.200	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	146607	47.328	ug/l	97
56) Ethyl methacrylate	10.66	69	205491	45.943	ug/l	98
57) 1,3-Dichloropropane	10.95	76	259261	46.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	509576	248.170	ug/l	98
59) 2-Hexanone	10.98	43	495570	239.383	ug/l	100
60) Dibromochloromethane	11.14	129	196667	47.262	ug/l	100
61) 1,2-Dibromoethane	11.25	107	147615	47.361	ug/l	99
64) Tetrachloroethene	10.88	164	203236	50.260	ug/l	99
65) Chlorobenzene	11.67	112	559866	48.905	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	209348	49.046	ug/l	99
67) Ethyl Benzene	11.75	91	1036733	48.543	ug/l	99
68) m/p-Xylenes	11.86	106	789993	99.222	ug/l	97
69) o-Xylene	12.18	106	362439	48.784	ug/l	98
70) Styrene	12.20	104	626542	49.050	ug/l	99
71) Bromoform	12.36	173	117303	48.841	ug/l #	99
73) Isopropylbenzene	12.48	105	1002855	48.161	ug/l	100
74) N-amyl acetate	12.29	43	262183	44.105	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	158469	45.383	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	100834m	43.441	ug/l	
77) Bromobenzene	12.77	156	233120	48.822	ug/l	95
78) n-propylbenzene	12.83	91	1179457	48.104	ug/l	99
79) 2-Chlorotoluene	12.91	91	645280	46.581	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	825226	48.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	59702	45.530	ug/l	100
82) 4-Chlorotoluene	13.01	91	686738	47.374	ug/l	100
83) tert-Butylbenzene	13.23	119	716021	49.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	808116	47.454	ug/l	100
85) sec-Butylbenzene	13.41	105	999719	48.977	ug/l	99
86) p-Isopropyltoluene	13.53	119	908623	48.848	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	434425	48.406	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	430706	48.643	ug/l	99
89) n-Butylbenzene	13.85	91	876433	48.632	ug/l	99
90) Hexachloroethane	14.12	117	179772	48.523	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	375072	48.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25755	43.881	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	280258	48.235	ug/l	98
94) Hexachlorobutadiene	15.28	225	169604	50.368	ug/l	99
95) Naphthalene	15.41	128	480829	47.077	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	240456	48.651	ug/l	100

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

