

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065693.D
 Acq On : 01 May 2020 21:56
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

Quant Time: May 04 10:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 10:28:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	626661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	916159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	852739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	328203	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.92	113	298945	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.34	98	1131585	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.64	95	366135	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	148699	48.113	ug/l	98
3) Chloromethane	2.21	50	294952	50.925	ug/l	99
4) Vinyl Chloride	2.35	62	359571	45.648	ug/l	99
5) Bromomethane	2.77	94	230848	52.770	ug/l	97
6) Chloroethane	2.92	64	235240	45.604	ug/l	96
7) Trichlorofluoromethane	3.27	101	476154	47.777	ug/l	100
8) Diethyl Ether	3.71	74	136017	52.178	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	286823	47.760	ug/l	97
10) Methyl Iodide	4.30	142	294781	56.875	ug/l	96
11) Tert butyl alcohol	5.22	59	97273	272.933	ug/l	95
12) 1,1-Dichloroethene	4.07	96	261343	50.713	ug/l	97
13) Acrolein	3.93	56	142123	270.487	ug/l	94
14) Allyl chloride	4.71	41	476399	53.386	ug/l	99
15) Acrylonitrile	5.43	53	324883	258.934	ug/l	99
16) Acetone	4.16	43	257773	225.415	ug/l	99
17) Carbon Disulfide	4.41	76	838295	48.484	ug/l	99
18) Methyl Acetate	4.72	43	171836	48.685	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	643554	55.567	ug/l	94
20) Methylene Chloride	4.97	84	327970	51.368	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	317651	50.671	ug/l	95
22) Diisopropyl ether	6.37	45	1000008	55.405	ug/l	99
23) Vinyl Acetate	6.31	43	2868828	285.515	ug/l	99
24) 1,1-Dichloroethane	6.27	63	577057	50.837	ug/l	98
25) 2-Butanone	7.21	43	406597	246.805	ug/l	100
26) 2,2-Dichloropropane	7.21	77	476172	48.024	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	347077	52.149	ug/l	99
28) Bromochloromethane	7.55	49	232442	49.474	ug/l	86
29) Tetrahydrofuran	7.57	42	275045	269.809	ug/l	99
30) Chloroform	7.71	83	596166	49.567	ug/l	98
31) Cyclohexane	7.99	56	502438	49.866	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	538902	50.220	ug/l	97
36) 1,1-Dichloropropene	8.11	75	449938	49.706	ug/l	97
37) Ethyl Acetate	7.30	43	197112	50.760	ug/l	99
38) Carbon Tetrachloride	8.10	117	490235	47.781	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	511373	52.447	ug/l	97
40) Benzene	8.36	78	1256158	48.783	ug/l	97
41) Methacrylonitrile	7.54	41	126180m	56.271	ug/l	
42) 1,2-Dichloroethane	8.43	62	408595	49.143	ug/l	99
43) Isopropyl Acetate	9.53	43	275158	52.892	ug/l #	95
44) Trichloroethene	9.11	130	347505	49.144	ug/l	99
45) 1,2-Dichloropropane	9.39	63	319812	48.876	ug/l	98
46) Dibromomethane	9.48	93	171704	48.313	ug/l	97
47) Bromodichloromethane	9.67	83	459880	47.984	ug/l	98
48) Methyl methacrylate	9.46	41	180588	53.290	ug/l	96
49) 1,4-Dioxane	9.47	88	38480	968.285	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	979801	260.120	ug/l	99
52) Toluene	10.41	92	818941	50.884	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	426321	51.347	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	503170	51.694	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	228585	48.153	ug/l	98
56) Ethyl methacrylate	10.67	69	278690	48.801	ug/l	99
57) 1,3-Dichloropropane	10.95	76	401455	49.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	659093	287.655	ug/l	96
59) 2-Hexanone	10.99	43	660853	265.037	ug/l	99
60) Dibromochloromethane	11.14	129	313936	48.936	ug/l	99
61) 1,2-Dibromoethane	11.25	107	226330	50.731	ug/l	100
64) Tetrachloroethene	10.88	164	297502	48.392	ug/l	97
65) Chlorobenzene	11.68	112	851769	49.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	333567	48.871	ug/l	98
67) Ethyl Benzene	11.75	91	1540636	51.769	ug/l	100
68) m/p-Xylenes	11.86	106	1192193	105.277	ug/l	95
69) o-Xylene	12.18	106	531982	53.755	ug/l	98
70) Styrene	12.20	104	955307	48.622	ug/l	98
71) Bromoform	12.37	173	190511	49.945	ug/l	97
73) Isopropylbenzene	12.48	105	1447813	56.422	ug/l	100
74) N-amyl acetate	12.30	43	337661	57.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	253407	52.675	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	172039m	53.383	ug/l	
77) Bromobenzene	12.77	156	360026	52.841	ug/l	99
78) n-propylbenzene	12.83	91	1731358	55.204	ug/l	100
79) 2-Chlorotoluene	12.91	91	970876	54.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1220066	55.721	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	79040	52.847	ug/l	100
82) 4-Chlorotoluene	13.01	91	1038204	53.771	ug/l	100
83) tert-Butylbenzene	13.23	119	1015827	55.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1227968	51.125	ug/l	99
85) sec-Butylbenzene	13.41	105	1438035	55.657	ug/l	100
86) p-Isopropyltoluene	13.53	119	1354848	56.117	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	690043	51.985	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	680640	51.063	ug/l	100
89) n-Butylbenzene	13.86	91	1225510	55.437	ug/l	99
90) Hexachloroethane	14.12	117	274498	52.218	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	597358	52.108	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	40656	49.883	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	405549	54.888	ug/l	99
94) Hexachlorobutadiene	15.28	225	272975	52.408	ug/l	98
95) Naphthalene	15.41	128	663682	52.576	ug/l	96
96) 1,2,3-Trichlorobenzene	15.61	180	365099	56.793	ug/l	98

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

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