

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050620\
 Data File : VD065701.D
 Acq On : 06 May 2020 17:27
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV050620

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:05 AM

Quant Time: May 06 18:08:57 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	469628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	734967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	652020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	223542	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.92	113	219904	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.34	98	858248	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.64	95	294773	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	171518	46.564	ug/l	99
3) Chloromethane	2.21	50	228501	49.188	ug/l	98
4) Vinyl Chloride	2.35	62	233556	49.619	ug/l	95
5) Bromomethane	2.77	94	151822	51.107	ug/l	96
6) Chloroethane	2.92	64	149376	49.404	ug/l	92
7) Trichlorofluoromethane	3.27	101	351808	46.856	ug/l	98
8) Diethyl Ether	3.71	74	115065	48.916	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	219038	48.058	ug/l	98
10) Methyl Iodide	4.30	142	216433	48.410	ug/l	99
11) Tert butyl alcohol	5.23	59	92297	265.661	ug/l	99
12) 1,1-Dichloroethene	4.07	96	211632	47.245	ug/l	96
13) Acrolein	3.93	56	89843	232.437	ug/l	99
14) Allyl chloride	4.71	41	423262	47.399	ug/l	99
15) Acrylonitrile	5.43	53	270882	244.939	ug/l	98
16) Acetone	4.16	43	222793	221.831	ug/l	97
17) Carbon Disulfide	4.41	76	705209	47.875	ug/l	98
18) Methyl Acetate	4.72	43	121055	48.477	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	536442	49.390	ug/l	97
20) Methylene Chloride	4.97	84	237654	46.974	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	245130	47.802	ug/l	98
22) Diisopropyl ether	6.37	45	808272	48.672	ug/l	99
23) Vinyl Acetate	6.31	43	2479092	247.169	ug/l	100
24) 1,1-Dichloroethane	6.27	63	433657	47.670	ug/l	100
25) 2-Butanone	7.21	43	355054	238.331	ug/l	99
26) 2,2-Dichloropropane	7.21	77	380379	46.441	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	273485	49.149	ug/l	98
28) Bromochloromethane	7.55	49	189566	49.962	ug/l	97
29) Tetrahydrofuran	7.57	42	237175	247.005	ug/l	99
30) Chloroform	7.71	83	425450	48.600	ug/l	98
31) Cyclohexane	7.98	56	421087	44.734	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	382997	47.197	ug/l	100
36) 1,1-Dichloropropene	8.11	75	341588	46.798	ug/l	98
37) Ethyl Acetate	7.30	43	167049	47.530	ug/l	98
38) Carbon Tetrachloride	8.10	117	342357	47.307	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	435336	47.507	ug/l	98
40) Benzene	8.36	78	960133	48.165	ug/l	99
41) Methacrylonitrile	7.53	41	92914m	45.833	ug/l	
42) 1,2-Dichloroethane	8.43	62	275846	48.089	ug/l	98
43) Isopropyl Acetate	8.46	43	341413	48.577	ug/l	99
44) Trichloroethene	9.11	130	265535	48.337	ug/l	94
45) 1,2-Dichloropropane	9.39	63	248521	48.208	ug/l	96
46) Dibromomethane	9.48	93	125401	48.495	ug/l	98
47) Bromodichloromethane	9.67	83	332231	48.045	ug/l	99
48) Methyl methacrylate	9.46	41	168562	47.899	ug/l	98
49) 1,4-Dioxane	9.47	88	32600	1028.470	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	833142	245.967	ug/l	99
52) Toluene	10.41	92	613413	48.660	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	343251	49.006	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	393564	47.696	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	172330	49.434	ug/l	98
56) Ethyl methacrylate	10.67	69	247876	49.245	ug/l	97
57) 1,3-Dichloropropane	10.95	76	308664	49.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	570703	246.977	ug/l	99
59) 2-Hexanone	10.99	43	569020	244.243	ug/l	99
60) Dibromochloromethane	11.14	129	227464	48.573	ug/l	99
61) 1,2-Dibromoethane	11.25	107	171594	48.922	ug/l	99
64) Tetrachloroethene	10.88	164	221033	47.635	ug/l	98
65) Chlorobenzene	11.68	112	636200	48.430	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	238680	48.730	ug/l	99
67) Ethyl Benzene	11.75	91	1180183	48.157	ug/l	98
68) m/p-Xylenes	11.86	106	885739	96.949	ug/l	99
69) o-Xylene	12.18	106	409727	48.061	ug/l	100
70) Styrene	12.20	104	711260	48.525	ug/l	100
71) Bromoform	12.37	173	136307	49.459	ug/l #	100
73) Isopropylbenzene	12.48	105	1124221	48.382	ug/l	100
74) N-amyl acetate	12.30	43	321728	48.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	189202	48.557	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	130395m	50.342	ug/l	
77) Bromobenzene	12.77	156	266592	50.033	ug/l	97
78) n-propylbenzene	12.83	91	1321323	48.293	ug/l	100
79) 2-Chlorotoluene	12.91	91	745930	48.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	921338	48.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	72789	49.745	ug/l	96
82) 4-Chlorotoluene	13.01	91	772070	47.729	ug/l	99
83) tert-Butylbenzene	13.23	119	786505	48.435	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	911605	47.972	ug/l	99
85) sec-Butylbenzene	13.41	105	1112437	48.838	ug/l	100
86) p-Isopropyltoluene	13.53	119	1004504	48.394	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	489538	48.882	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	485924	49.179	ug/l	99
89) n-Butylbenzene	13.85	91	957596	47.617	ug/l	99
90) Hexachloroethane	14.12	117	200782	48.566	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	425240	49.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	32288	49.299	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	313586	48.365	ug/l	99
94) Hexachlorobutadiene	15.28	225	183087	48.725	ug/l	99
95) Naphthalene	15.41	128	568069	49.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	272808	49.464	ug/l	99

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

