

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066177.D
 Acq On : 10 Aug 2020 21:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:31 PM

Quant Time: Aug 11 06:13:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	317409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	497574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	469301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	159533	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.91	113	163433	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	589246	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.63	95	215035	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	112091	40.083	ug/l	98
3) Chloromethane	2.20	50	103839	47.734	ug/l	98
4) Vinyl Chloride	2.34	62	95724	49.703	ug/l	96
5) Bromomethane	2.76	94	66737	52.230	ug/l	92
6) Chloroethane	2.91	64	62164	52.583	ug/l #	81
7) Trichlorofluoromethane	3.27	101	227113	45.233	ug/l	93
8) Diethyl Ether	3.71	74	82904	58.517	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	140214	47.055	ug/l	99
10) Methyl Iodide	4.30	142	166497	59.847	ug/l	94
11) Tert butyl alcohol	5.22	59	57848	277.799	ug/l	100
12) 1,1-Dichloroethene	4.06	96	140276	49.902	ug/l	98
13) Acrolein	3.92	56	64797	287.472	ug/l	99
14) Allyl chloride	4.71	41	240816	56.548	ug/l	96
15) Acrylonitrile	5.43	53	185069	309.996	ug/l	97
16) Acetone	4.16	43	134833	250.942	ug/l	98
17) Carbon Disulfide	4.40	76	422815	47.307	ug/l	99
18) Methyl Acetate	4.71	43	84164	61.669	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	371323	57.632	ug/l	97
20) Methylene Chloride	4.96	84	195009	64.555	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	166691	51.620	ug/l	98
22) Diisopropyl ether	6.36	45	503348	59.770	ug/l	96
23) Vinyl Acetate	6.30	43	1486610	301.322	ug/l	97
24) 1,1-Dichloroethane	6.26	63	292797	56.180	ug/l	99
25) 2-Butanone	7.21	43	222549	281.608	ug/l	99
26) 2,2-Dichloropropane	7.20	77	213314	45.667	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	190288	56.181	ug/l	98
28) Bromochloromethane	7.54	49	120750	65.966	ug/l	91
29) Tetrahydrofuran	7.56	42	150407	307.186	ug/l	97
30) Chloroform	7.71	83	301203	55.039	ug/l	98
31) Cyclohexane	7.98	56	238788	48.132	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	256486	49.987	ug/l	98
36) 1,1-Dichloropropene	8.11	75	219908	47.032	ug/l	99
37) Ethyl Acetate	7.29	43	100381	54.185	ug/l	98
38) Carbon Tetrachloride	8.09	117	236696	45.395	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	279086	49.377	ug/l	98
40) Benzene	8.34	78	659825	50.870	ug/l	96
41) Methacrylonitrile	7.52	41	52594m	48.284	ug/l	
42) 1,2-Dichloroethane	8.42	62	196904	51.675	ug/l	100
43) Isopropyl Acetate	8.44	43	204342	55.982	ug/l	99
44) Trichloroethene	9.11	130	191736	49.056	ug/l	95
45) 1,2-Dichloropropane	9.38	63	170967	53.894	ug/l	92
46) Dibromomethane	9.47	93	93667	53.604	ug/l	99
47) Bromodichloromethane	9.66	83	242025	52.406	ug/l	95
48) Methyl methacrylate	9.45	41	107167	57.499	ug/l	96
49) 1,4-Dioxane	9.46	88	23444	1044.301	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	526553	280.842	ug/l	99
52) Toluene	10.40	92	430706	50.464	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	226404	51.657	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	277315	54.004	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	139081	55.275	ug/l	95
56) Ethyl methacrylate	10.66	69	172036	56.916	ug/l	98
57) 1,3-Dichloropropane	10.94	76	221223	52.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	418248	307.622	ug/l	98
59) 2-Hexanone	10.98	43	357815	271.928	ug/l	98
60) Dibromochloromethane	11.14	129	178049	51.256	ug/l	98
61) 1,2-Dibromoethane	11.24	107	129700	53.599	ug/l	99
64) Tetrachloroethene	10.87	164	170048	47.187	ug/l	97
65) Chlorobenzene	11.67	112	475514	49.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	182732	49.021	ug/l	97
67) Ethyl Benzene	11.74	91	831484	50.364	ug/l	98
68) m/p-Xylenes	11.85	106	638262	99.785	ug/l	99
69) o-Xylene	12.18	106	298610	51.320	ug/l	97
70) Styrene	12.20	104	526024	51.585	ug/l	99
71) Bromoform	12.36	173	107364	48.613	ug/l #	100
73) Isopropylbenzene	12.48	105	799970	50.824	ug/l	100
74) N-amyl acetate	12.28	43	195176	56.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	145932	54.373	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	108209m	55.030	ug/l	
77) Bromobenzene	12.76	156	211055	52.090	ug/l	98
78) n-propylbenzene	12.82	91	921486	50.364	ug/l	100
79) 2-Chlorotoluene	12.91	91	539661	51.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	689704	52.396	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	45241	50.859	ug/l	95
82) 4-Chlorotoluene	13.00	91	563010	50.967	ug/l	99
83) tert-Butylbenzene	13.23	119	580790	50.170	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	696551	52.875	ug/l	100
85) sec-Butylbenzene	13.40	105	779779	49.891	ug/l	100
86) p-Isopropyltoluene	13.52	119	725271	49.476	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	381825	50.140	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	380443	50.095	ug/l	100
89) n-Butylbenzene	13.84	91	651047	49.570	ug/l	99
90) Hexachloroethane	14.11	117	143587	49.112	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	338376	50.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24075	52.192	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	249987	50.370	ug/l	99
94) Hexachlorobutadiene	15.27	225	140725	48.152	ug/l	98
95) Naphthalene	15.41	128	452607	55.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	219622	50.128	ug/l	97

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

