

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066198.D
 Acq On : 11 Aug 2020 20:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/12/2020 3:57:46 PM

Quant Time: Aug 11 21:15:27 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	7.98	168	255404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	399493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	374413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	188160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	132727	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	
35) Dibromofluoromethane	7.91	113	135112	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.34	98	506103	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.63	95	180605	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92374	41.051	ug/l	97
3) Chloromethane	2.21	50	83905	47.934	ug/l	97
4) Vinyl Chloride	2.35	62	78760	50.823	ug/l	97
5) Bromomethane	2.77	94	59879	58.240	ug/l	99
6) Chloroethane	2.93	64	51306	53.935	ug/l	92
7) Trichlorofluoromethane	3.27	101	184132	45.576	ug/l	92
8) Diethyl Ether	3.70	74	61457	53.910	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	110936	46.268	ug/l	98
10) Methyl Iodide	4.30	142	131711	58.950	ug/l	98
11) Tert butyl alcohol	5.22	59	38668	223.190	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	112504	49.739	ug/l	94
13) Acrolein	3.92	56	45852	252.808	ug/l	96
14) Allyl chloride	4.71	41	181209	52.881	ug/l	99
15) Acrylonitrile	5.42	53	132858	276.568	ug/l	99
16) Acetone	4.16	43	98140	226.994	ug/l	98
17) Carbon Disulfide	4.41	76	343409	47.750	ug/l	98
18) Methyl Acetate	4.71	43	60303	54.912	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	288685	55.684	ug/l	97
20) Methylene Chloride	4.97	84	150845	61.859	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	138627	53.351	ug/l	90
22) Diisopropyl ether	6.36	45	385995	56.962	ug/l	96
23) Vinyl Acetate	6.30	43	1111223	279.915	ug/l	99
24) 1,1-Dichloroethane	6.27	63	231824	55.280	ug/l	98
25) 2-Butanone	7.21	43	158143	248.692	ug/l	96
26) 2,2-Dichloropropane	7.21	77	171995	45.760	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	155699	57.129	ug/l	96
28) Bromochloromethane	7.54	49	88567	60.131	ug/l	97
29) Tetrahydrofuran	7.56	42	103812	263.495	ug/l	98
30) Chloroform	7.71	83	248365	56.402	ug/l	96
31) Cyclohexane	7.98	56	176690	44.261	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	217438	52.665	ug/l	100
36) 1,1-Dichloropropene	8.11	75	176541	47.027	ug/l	99
37) Ethyl Acetate	7.28	43	74992	50.418	ug/l	96
38) Carbon Tetrachloride	8.09	117	196191	46.865	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	199654	43.996	ug/l	96
40) Benzene	8.35	78	533656	51.244	ug/l	95
41) Methacrylonitrile	7.53	41	41104m	47.001	ug/l	
42) 1,2-Dichloroethane	8.43	62	159516	52.141	ug/l	100
43) Isopropyl Acetate	8.45	43	146565	50.012	ug/l	99
44) Trichloroethene	9.11	130	156895	49.997	ug/l	91
45) 1,2-Dichloropropane	9.38	63	132328	51.955	ug/l	98
46) Dibromomethane	9.47	93	73040	52.062	ug/l	97
47) Bromodichloromethane	9.66	83	196285	52.936	ug/l	95
48) Methyl methacrylate	9.45	41	72405	48.385	ug/l #	88
49) 1,4-Dioxane	9.46	88	16260	902.117	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	380868	253.013	ug/l	100
52) Toluene	10.40	92	351964	51.362	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	180781	51.375	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	212521	51.547	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	105740	52.342	ug/l	97
56) Ethyl methacrylate	10.66	69	126719	52.216	ug/l	100
57) 1,3-Dichloropropane	10.94	76	174582	52.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	316328	289.781	ug/l	99
59) 2-Hexanone	10.98	43	259531	245.659	ug/l	99
60) Dibromochloromethane	11.14	129	142941	51.252	ug/l	97
61) 1,2-Dibromoethane	11.24	107	101455	52.221	ug/l	100
64) Tetrachloroethene	10.87	164	137340	47.769	ug/l	96
65) Chlorobenzene	11.67	112	387571	50.991	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	152732	51.357	ug/l	100
67) Ethyl Benzene	11.74	91	661964	50.258	ug/l	99
68) m/p-Xylenes	11.86	106	517196	101.349	ug/l	99
69) o-Xylene	12.18	106	243521	52.459	ug/l	98
70) Styrene	12.20	104	428838	52.712	ug/l	99
71) Bromoform	12.36	173	86507	49.096	ug/l #	99
73) Isopropylbenzene	12.48	105	658298	52.412	ug/l	100
74) N-amyl acetate	12.29	43	140052	50.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	108384	50.606	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76102m	48.500	ug/l	
77) Bromobenzene	12.76	156	169033	52.280	ug/l	99
78) n-propylbenzene	12.82	91	748059	51.236	ug/l	99
79) 2-Chlorotoluene	12.91	91	440959	52.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	552547	52.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	33110	46.645	ug/l	93
82) 4-Chlorotoluene	13.01	91	464787	52.727	ug/l	100
83) tert-Butylbenzene	13.23	119	468195	50.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	559572	53.231	ug/l	100
85) sec-Butylbenzene	13.40	105	629472	50.470	ug/l	100
86) p-Isopropyltoluene	13.52	119	591497	50.565	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	314885	51.818	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	316501	52.226	ug/l	99
89) n-Butylbenzene	13.85	91	525973	50.185	ug/l	100
90) Hexachloroethane	14.11	117	117969	50.565	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	277344	51.607	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17495	47.529	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	197974	49.989	ug/l	100
94) Hexachlorobutadiene	15.27	225	111088	47.634	ug/l	99
95) Naphthalene	15.41	128	342487	53.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	178341	51.011	ug/l	100

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

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