

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066200.D
 Acq On : 12 Aug 2020 13:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 4:20:59 PM

Quant Time: Aug 12 16:06:57 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	299276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	423270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	140863	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.91	113	138258	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.33	98	516392	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.63	95	183336	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121251	45.985	ug/l	98
3) Chloromethane	2.20	50	83675	40.795	ug/l	96
4) Vinyl Chloride	2.34	62	87039	47.932	ug/l	100
5) Bromomethane	2.76	94	57672	47.870	ug/l	97
6) Chloroethane	2.91	64	54587	48.972	ug/l	96
7) Trichlorofluoromethane	3.27	101	244721	51.693	ug/l	95
8) Diethyl Ether	3.70	74	66241	49.589	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	144940	51.588	ug/l	99
10) Methyl Iodide	4.29	142	140111	54.135	ug/l	98
11) Tert butyl alcohol	5.21	59	51318	258.723	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	130063	49.073	ug/l	97
13) Acrolein	3.92	56	43815	206.163	ug/l	94
14) Allyl chloride	4.71	41	195223	48.619	ug/l	96
15) Acrylonitrile	5.41	53	146668	260.559	ug/l	100
16) Acetone	4.16	43	159256	314.355	ug/l	97
17) Carbon Disulfide	4.40	76	382117	45.344	ug/l	98
18) Methyl Acetate	4.71	43	60511	47.024	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	318546	52.436	ug/l	99
20) Methylene Chloride	4.96	84	148035	50.972	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	151590	49.788	ug/l	96
22) Diisopropyl ether	6.35	45	395748	49.840	ug/l	93
23) Vinyl Acetate	6.30	43	1225439	263.434	ug/l	100
24) 1,1-Dichloroethane	6.26	63	249487	50.771	ug/l	98
25) 2-Butanone	7.20	43	196535	263.759	ug/l	98
26) 2,2-Dichloropropane	7.20	77	242848	55.139	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	165856	51.935	ug/l	99
28) Bromochloromethane	7.54	49	89978	52.133	ug/l	98
29) Tetrahydrofuran	7.56	42	117932	255.453	ug/l	99
30) Chloroform	7.70	83	269183	52.169	ug/l	96
31) Cyclohexane	7.97	56	216675	46.321	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	261068	53.963	ug/l	99
36) 1,1-Dichloropropene	8.10	75	210211	52.851	ug/l	100
37) Ethyl Acetate	7.28	43	84014	53.311	ug/l	99
38) Carbon Tetrachloride	8.08	117	245776	55.411	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	254148	52.858	ug/l	98
40) Benzene	8.34	78	562700	50.998	ug/l	97
41) Methacrylonitrile	7.53	41	52322m	56.467	ug/l	
42) 1,2-Dichloroethane	8.41	62	177068	54.627	ug/l	99
43) Isopropyl Acetate	8.44	43	165234	53.215	ug/l	100
44) Trichloroethene	9.10	130	173346	52.136	ug/l	95
45) 1,2-Dichloropropane	9.38	63	136670	50.645	ug/l	99
46) Dibromomethane	9.47	93	80491	54.150	ug/l	99
47) Bromodichloromethane	9.66	83	211844	53.923	ug/l	95
48) Methyl methacrylate	9.45	41	78651	49.607	ug/l	86
49) 1,4-Dioxane	9.46	88	20148	1055.033	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	433291	271.669	ug/l	99
52) Toluene	10.40	92	385616	53.112	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	203776	54.656	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	235319	53.871	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	108394	50.642	ug/l	96
56) Ethyl methacrylate	10.66	69	141756	55.131	ug/l	99
57) 1,3-Dichloropropane	10.94	76	190048	53.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	330672	285.905	ug/l	100
59) 2-Hexanone	10.98	43	320087	285.959	ug/l	96
60) Dibromochloromethane	11.14	129	160046	54.161	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110103	53.488	ug/l	98
64) Tetrachloroethene	10.87	164	156732	52.211	ug/l	98
65) Chlorobenzene	11.67	112	420248	52.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	163961	52.804	ug/l	98
67) Ethyl Benzene	11.74	91	749596	54.507	ug/l	99
68) m/p-Xylenes	11.85	106	570706	107.111	ug/l	97
69) o-Xylene	12.18	106	262482	54.155	ug/l	99
70) Styrene	12.19	104	460322	54.192	ug/l	98
71) Bromoform	12.36	173	100016	54.365	ug/l #	100
73) Isopropylbenzene	12.48	105	748208	54.871	ug/l	100
74) N-amyl acetate	12.28	43	165797	55.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	123798	53.243	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	78391m	46.017	ug/l	
77) Bromobenzene	12.76	156	187584	53.440	ug/l	99
78) n-propylbenzene	12.82	91	873292	55.095	ug/l	99
79) 2-Chlorotoluene	12.91	91	485528	53.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	635506	55.728	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	43290	56.175	ug/l	98
82) 4-Chlorotoluene	13.00	91	525582	54.920	ug/l	99
83) tert-Butylbenzene	13.23	119	554234	55.264	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	627686	55.000	ug/l	100
85) sec-Butylbenzene	13.40	105	752755	55.594	ug/l	99
86) p-Isopropyltoluene	13.52	119	702529	55.319	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	345921	52.435	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	349596	53.136	ug/l	99
89) n-Butylbenzene	13.84	91	645210	56.705	ug/l	100
90) Hexachloroethane	14.11	117	137164	54.155	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	311122	53.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21981	55.005	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	241226	56.105	ug/l	99
94) Hexachlorobutadiene	15.27	225	144098	56.914	ug/l	99
95) Naphthalene	15.41	128	402518	57.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209075	55.084	ug/l	99

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

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