

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066734.D
 Acq On : 17 Sep 2020 10:27
 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
 9/18/2020 12:18:14 PM

Quant Time: Sep 18 01:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	427207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	681664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	217632	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.91	113	212151	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.34	98	779900	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.63	95	254326	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	145871	45.703	ug/l	97
3) Chloromethane	2.21	50	187000	40.225	ug/l	97
4) Vinyl Chloride	2.35	62	200531	41.216	ug/l	97
5) Bromomethane	2.77	94	142962	41.421	ug/l	97
6) Chloroethane	2.92	64	122968	40.570	ug/l #	87
7) Trichlorofluoromethane	3.27	101	370639	44.104	ug/l	99
8) Diethyl Ether	3.71	74	93148	44.264	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	210813	45.646	ug/l	98
10) Methyl Iodide	4.30	142	195143	44.533	ug/l	99
11) Tert butyl alcohol	5.21	59	65761	211.695	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	188831	44.174	ug/l	94
13) Acrolein	3.92	56	76139	236.847	ug/l	97
14) Allyl chloride	4.71	41	300095	43.714	ug/l	98
15) Acrylonitrile	5.42	53	207752	225.365	ug/l	98
16) Acetone	4.15	43	268772	289.564	ug/l	93
17) Carbon Disulfide	4.41	76	623828	46.442	ug/l	100
18) Methyl Acetate	4.72	43	88666	44.347	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	429212	45.079	ug/l	100
20) Methylene Chloride	4.96	84	237335	47.147	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	230614	46.306	ug/l	99
22) Diisopropyl ether	6.36	45	632241	45.325	ug/l	95
23) Vinyl Acetate	6.30	43	1812739	233.627	ug/l	98
24) 1,1-Dichloroethane	6.26	63	388978	43.944	ug/l	97
25) 2-Butanone	7.21	43	289809	239.780	ug/l	97
26) 2,2-Dichloropropane	7.20	77	369594	45.154	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	249021	45.705	ug/l	100
28) Bromochloromethane	7.54	49	158632	47.980	ug/l	96
29) Tetrahydrofuran	7.56	42	164927	223.028	ug/l	95
30) Chloroform	7.70	83	419301	44.509	ug/l	97
31) Cyclohexane	7.98	56	362707	45.049	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	392933	45.581	ug/l	100
36) 1,1-Dichloropropene	8.11	75	327377	46.712	ug/l	99
37) Ethyl Acetate	7.29	43	122334	46.107	ug/l	98
38) Carbon Tetrachloride	8.09	117	353599	47.510	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	392190	48.923	ug/l	98
40) Benzene	8.34	78	898419	47.383	ug/l	99
41) Methacrylonitrile	7.51	41	67983	48.398	ug/l	92
42) 1,2-Dichloroethane	8.41	62	262076	44.615	ug/l	97
43) Isopropyl Acetate	8.44	43	225984	45.251	ug/l	99
44) Trichloroethene	9.11	130	243218	47.976	ug/l	96
45) 1,2-Dichloropropane	9.38	63	222487	47.465	ug/l	97
46) Dibromomethane	9.47	93	120271	46.693	ug/l	99
47) Bromodichloromethane	9.66	83	322624	45.966	ug/l	99
48) Methyl methacrylate	9.45	41	121720	47.918	ug/l	98
49) 1,4-Dioxane	9.46	88	25182	912.671	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	599627	233.222	ug/l	98
52) Toluene	10.40	92	585013	48.163	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	292756	46.691	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	354586	47.613	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	155921	45.912	ug/l	97
56) Ethyl methacrylate	10.66	69	185508	48.136	ug/l	97
57) 1,3-Dichloropropane	10.94	76	272233	45.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	417328	246.561	ug/l	98
59) 2-Hexanone	10.98	43	445104	257.653	ug/l	100
60) Dibromochloromethane	11.14	129	207758	46.950	ug/l	97
61) 1,2-Dibromoethane	11.24	107	153449	47.103	ug/l	100
64) Tetrachloroethene	10.87	164	192667	46.275	ug/l	96
65) Chlorobenzene	11.67	112	590491	46.761	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	220377	47.299	ug/l	99
67) Ethyl Benzene	11.74	91	1118273	48.891	ug/l	96
68) m/p-Xylenes	11.85	106	856100	99.030	ug/l	98
69) o-Xylene	12.18	106	376955	49.343	ug/l	98
70) Styrene	12.19	104	662944	49.305	ug/l	99
71) Bromoform	12.36	173	110241	47.147	ug/l #	97
73) Isopropylbenzene	12.48	105	1054866	50.111	ug/l	100
74) N-amyl acetate	12.28	43	208664	46.991	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	168099	46.994	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	126934m	52.590	ug/l	
77) Bromobenzene	12.76	156	229340	47.269	ug/l	97
78) n-propylbenzene	12.82	91	1284365	50.051	ug/l	99
79) 2-Chlorotoluene	12.91	91	694682	47.876	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	889931	50.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	54943	49.128	ug/l	93
82) 4-Chlorotoluene	13.00	91	747028	48.691	ug/l	99
83) tert-Butylbenzene	13.23	119	746194	50.866	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	882824	49.632	ug/l	100
85) sec-Butylbenzene	13.40	105	1058098	50.311	ug/l	99
86) p-Isopropyltoluene	13.52	119	986631	51.602	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455463	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	440729	47.548	ug/l	99
89) n-Butylbenzene	13.84	91	936008	51.484	ug/l	99
90) Hexachloroethane	14.11	117	190735	48.561	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	378252	47.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27764	48.016	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	246987	51.200	ug/l	99
94) Hexachlorobutadiene	15.27	225	148112	50.961	ug/l	98
95) Naphthalene	15.41	128	428817	50.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209691	49.766	ug/l	98

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

