

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066574.D
 Acq On : 09 Sep 2020 11:00
 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
 9/10/2020 10:46:45 AM

Quant Time: Sep 09 14:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	417944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	255513	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.91	113	231393	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.34	98	862882	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.63	95	289728	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	160440	46.187	ug/l	92
3) Chloromethane	2.21	50	217920	41.230	ug/l	97
4) Vinyl Chloride	2.35	62	251099	42.833	ug/l	98
5) Bromomethane	2.77	94	179252	48.203	ug/l #	80
6) Chloroethane	2.92	64	164550	44.192	ug/l	100
7) Trichlorofluoromethane	3.27	101	367257	42.408	ug/l	100
8) Diethyl Ether	3.71	74	90940	41.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	197787	42.199	ug/l	100
10) Methyl Iodide	4.30	142	181070	42.969	ug/l	98
11) Tert butyl alcohol	5.22	59	63305	189.082	ug/l	97
12) 1,1-Dichloroethene	4.07	96	181415	43.083	ug/l	99
13) Acrolein	3.92	56	71407	345.359	ug/l	96
14) Allyl chloride	4.71	41	297561	43.118	ug/l	98
15) Acrylonitrile	5.42	53	202602	216.272	ug/l	100
16) Acetone	4.16	43	264966	284.780	ug/l	96
17) Carbon Disulfide	4.41	76	560432	40.486	ug/l	100
18) Methyl Acetate	4.71	43	90068	40.609	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	451762	45.750	ug/l	100
20) Methylene Chloride	4.97	84	210059	40.119	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	212412	42.480	ug/l	96
22) Diisopropyl ether	6.36	45	618754	43.601	ug/l	97
23) Vinyl Acetate	6.30	43	1843939	228.327	ug/l	100
24) 1,1-Dichloroethane	6.27	63	378454	42.407	ug/l	98
25) 2-Butanone	7.21	43	286533	229.412	ug/l	99
26) 2,2-Dichloropropane	7.20	77	367402	44.881	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	231606	43.072	ug/l	97
28) Bromochloromethane	7.55	49	166093	48.342	ug/l	97
29) Tetrahydrofuran	7.56	42	166399	213.919	ug/l	99
30) Chloroform	7.71	83	403511	42.739	ug/l	98
31) Cyclohexane	7.98	56	333872	40.472	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	378948	42.690	ug/l	98
36) 1,1-Dichloropropene	8.11	75	307978	44.127	ug/l	100
37) Ethyl Acetate	7.28	43	123977	44.609	ug/l #	94
38) Carbon Tetrachloride	8.09	117	345284	46.805	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	370079	47.485	ug/l	98
40) Benzene	8.34	78	827536	43.292	ug/l	97
41) Methacrylonitrile	7.52	41	78896	58.646	ug/l	87
42) 1,2-Dichloroethane	8.42	62	270679	43.705	ug/l	99
43) Isopropyl Acetate	8.45	43	237635	44.618	ug/l	99
44) Trichloroethene	9.11	130	224984	44.871	ug/l	94
45) 1,2-Dichloropropane	9.38	63	209926	43.670	ug/l	95
46) Dibromomethane	9.47	93	116666	43.990	ug/l	96
47) Bromodichloromethane	9.66	83	315699	43.998	ug/l	97
48) Methyl methacrylate	9.45	41	128881	47.856	ug/l	95
49) 1,4-Dioxane	9.46	88	27519	945.807	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	609940	227.078	ug/l	98
52) Toluene	10.40	92	539646	44.599	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	294515	46.496	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	343416	45.147	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	152339	44.675	ug/l	96
56) Ethyl methacrylate	10.66	69	187465	47.216	ug/l #	94
57) 1,3-Dichloropropane	10.94	76	264416	44.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	454089	250.046	ug/l	98
59) 2-Hexanone	10.98	43	449206	248.687	ug/l	99
60) Dibromochloromethane	11.14	129	208707	46.285	ug/l	98
61) 1,2-Dibromoethane	11.24	107	148239	44.684	ug/l	100
64) Tetrachloroethene	10.87	164	179247	44.014	ug/l	98
65) Chlorobenzene	11.67	112	557808	44.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	213880	44.891	ug/l	99
67) Ethyl Benzene	11.74	91	1060490	46.264	ug/l	99
68) m/p-Xylenes	11.86	106	787403	92.514	ug/l	96
69) o-Xylene	12.18	106	357738	46.900	ug/l	99
70) Styrene	12.20	104	612318	46.175	ug/l	97
71) Bromoform	12.36	173	110878	46.178	ug/l #	97
73) Isopropylbenzene	12.48	105	1016195	49.585	ug/l	98
74) N-amyl acetate	12.29	43	221166	47.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	164081	45.318	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	134696m	50.598	ug/l	
77) Bromobenzene	12.76	156	215489	47.163	ug/l	99
78) n-propylbenzene	12.82	91	1210805	48.736	ug/l	99
79) 2-Chlorotoluene	12.91	91	673707	48.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	842633	48.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	54864	48.115	ug/l	98
82) 4-Chlorotoluene	13.01	91	702116	47.108	ug/l	99
83) tert-Butylbenzene	13.23	119	700038	49.697	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	850963	49.550	ug/l	96
85) sec-Butylbenzene	13.40	105	1005355	49.539	ug/l	99
86) p-Isopropyltoluene	13.52	119	917458	50.227	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	415890	45.850	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	415623	45.651	ug/l	99
89) n-Butylbenzene	13.84	91	891751	50.099	ug/l	99
90) Hexachloroethane	14.11	117	188165	47.809	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	365534	46.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28008	45.538	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	243756	51.228	ug/l	98
94) Hexachlorobutadiene	15.27	225	140015	48.980	ug/l	96
95) Naphthalene	15.41	128	450900	54.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	208831	51.478	ug/l	99

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

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