

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066799.D
 Acq On : 21 Sep 2020 22:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:52 PM

Quant Time: Sep 22 05:43:32 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	7.98	168	382083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201041	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.91	113	203668	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.34	98	730195	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	249500	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138517	48.846	ug/l	99
3) Chloromethane	2.20	50	180847	43.495	ug/l	99
4) Vinyl Chloride	2.34	62	186062	42.758	ug/l	97
5) Bromomethane	2.77	94	132187	42.822	ug/l	97
6) Chloroethane	2.92	64	115007	42.425	ug/l	91
7) Trichlorofluoromethane	3.27	101	369554	49.168	ug/l	100
8) Diethyl Ether	3.71	74	110494	58.708	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	211591	51.226	ug/l	98
10) Methyl Iodide	4.30	142	208669	53.244	ug/l	99
11) Tert butyl alcohol	5.23	59	68678	263.056	ug/l	97
12) 1,1-Dichloroethene	4.07	96	206200	53.935	ug/l	97
13) Acrolein	3.92	56	76264	265.254	ug/l	99
14) Allyl chloride	4.71	41	332723	54.191	ug/l	95
15) Acrylonitrile	5.43	53	244816	296.935	ug/l	99
16) Acetone	4.16	43	193898	233.569	ug/l	92
17) Carbon Disulfide	4.41	76	634087	52.781	ug/l	99
18) Methyl Acetate	4.71	43	113593	65.204	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	507362	59.580	ug/l	95
20) Methylene Chloride	4.97	84	266545	61.411	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	254825	57.210	ug/l	94
22) Diisopropyl ether	6.36	45	719450	57.668	ug/l	94
23) Vinyl Acetate	6.30	43	1917666	276.338	ug/l	96
24) 1,1-Dichloroethane	6.26	63	436268	55.107	ug/l	98
25) 2-Butanone	7.21	43	300386	277.883	ug/l	97
26) 2,2-Dichloropropane	7.21	77	362262	49.485	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	290808	59.678	ug/l	95
28) Bromochloromethane	7.54	49	143813	48.635	ug/l	91
29) Tetrahydrofuran	7.56	42	199366	301.439	ug/l	94
30) Chloroform	7.71	83	475067	56.384	ug/l	98
31) Cyclohexane	7.98	56	358526	49.789	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	420257	54.508	ug/l	99
36) 1,1-Dichloropropene	8.11	75	343453	51.614	ug/l	99
37) Ethyl Acetate	7.29	43	147105	58.395	ug/l	98
38) Carbon Tetrachloride	8.09	117	364496	51.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	398917	52.411	ug/l	95
40) Benzene	8.35	78	1005174	55.835	ug/l	99
41) Methacrylonitrile	7.53	41	86331m	64.733	ug/l	
42) 1,2-Dichloroethane	8.43	62	299048	53.618	ug/l	97
43) Isopropyl Acetate	8.45	43	266936	56.297	ug/l	99
44) Trichloroethene	9.11	130	276537	57.452	ug/l	97
45) 1,2-Dichloropropane	9.38	63	253699	57.004	ug/l	99
46) Dibromomethane	9.47	93	143105	58.516	ug/l	97
47) Bromodichloromethane	9.66	83	373354	56.025	ug/l	98
48) Methyl methacrylate	9.45	41	133540	55.369	ug/l	92
49) 1,4-Dioxane	9.45	88	34356	1311.449	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	695652	284.973	ug/l	96
52) Toluene	10.40	92	653430	56.659	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	320572	53.849	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	382770	54.133	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	190030	58.934	ug/l	97
56) Ethyl methacrylate	10.66	69	225214	61.549	ug/l	98
57) 1,3-Dichloropropane	10.94	76	323916	57.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	439970	273.776	ug/l	96
59) 2-Hexanone	10.98	43	472038	287.789	ug/l	98
60) Dibromochloromethane	11.14	129	248576	59.165	ug/l	100
61) 1,2-Dibromoethane	11.24	107	180812	58.458	ug/l	99
64) Tetrachloroethene	10.87	164	224688	55.487	ug/l	99
65) Chlorobenzene	11.67	112	677309	55.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	258731	57.096	ug/l	98
67) Ethyl Benzene	11.74	91	1219581	54.822	ug/l	98
68) m/p-Xylenes	11.85	106	919022	109.305	ug/l	97
69) o-Xylene	12.18	106	418743	56.358	ug/l	97
70) Styrene	12.19	104	730309	55.846	ug/l	99
71) Bromoform	12.36	173	134613	59.192	ug/l #	100
73) Isopropylbenzene	12.48	105	1138772	55.393	ug/l	98
74) N-amyl acetate	12.29	43	244743	56.436	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	197745	56.607	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	122645m	52.030	ug/l	
77) Bromobenzene	12.76	156	265154	55.960	ug/l	97
78) n-propylbenzene	12.82	91	1360412	54.285	ug/l	98
79) 2-Chlorotoluene	12.91	91	774689	54.669	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	966124	55.581	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	50147	45.913	ug/l	95
82) 4-Chlorotoluene	13.01	91	824676	55.039	ug/l	100
83) tert-Butylbenzene	13.23	119	802706	56.029	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	964960	55.549	ug/l	100
85) sec-Butylbenzene	13.40	105	1116022	54.336	ug/l	99
86) p-Isopropyltoluene	13.52	119	1020684	54.662	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503931	55.435	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	498841	55.107	ug/l	97
89) n-Butylbenzene	13.84	91	950127	53.512	ug/l	99
90) Hexachloroethane	14.11	117	200187	52.188	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	447184	57.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32548	57.638	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	282949	60.060	ug/l	99
94) Hexachlorobutadiene	15.27	225	160597	56.580	ug/l	98
95) Naphthalene	15.40	128	527700	64.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	253665	61.644	ug/l	99

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

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