

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064926.D
 Acq On : 22 Jan 2020 19:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 11:13:45 AM

Quant Time: Jan 23 00:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	382827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	563006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	518426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	195547	57.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.86%	
35) Dibromofluoromethane	7.92	113	187898	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.34	98	686050	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.64	95	229417	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	115485	38.817	ug/l	97
3) Chloromethane	2.21	50	189514	45.547	ug/l	99
4) Vinyl Chloride	2.35	62	221766	43.713	ug/l	94
5) Bromomethane	2.76	94	151585	41.094	ug/l	94
6) Chloroethane	2.92	64	158019	46.485	ug/l	97
7) Trichlorofluoromethane	3.27	101	373210	43.690	ug/l	100
8) Diethyl Ether	3.71	74	95674	56.402	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	180471	51.014	ug/l	97
10) Methyl Iodide	4.30	142	183581	48.310	ug/l	100
11) Tert butyl alcohol	5.24	59	63638	328.940	ug/l	99
12) 1,1-Dichloroethene	4.06	96	160647	47.697	ug/l	99
13) Acrolein	3.92	56	67551	250.540	ug/l	98
14) Allyl chloride	4.71	41	282072	53.715	ug/l	99
15) Acrylonitrile	5.43	53	236411	334.592	ug/l	99
16) Acetone	4.16	43	197508	281.751	ug/l	97
17) Carbon Disulfide	4.40	76	450249	41.343	ug/l	99
18) Methyl Acetate	4.73	43	122773	64.600	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	463168	61.913	ug/l	97
20) Methylene Chloride	4.96	84	205547	60.570	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	195226	50.897	ug/l	98
22) Diisopropyl ether	6.37	45	633640	60.496	ug/l	98
23) Vinyl Acetate	6.31	43	1902433	320.194	ug/l	100
24) 1,1-Dichloroethane	6.27	63	357587	56.869	ug/l	98
25) 2-Butanone	7.23	43	300444	323.787	ug/l	95
26) 2,2-Dichloropropane	7.21	77	313982	53.707	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	226396	54.690	ug/l	97
28) Bromochloromethane	7.55	49	148145	60.609	ug/l	99
29) Tetrahydrofuran	7.57	42	191471	331.815	ug/l	98
30) Chloroform	7.71	83	378900	57.435	ug/l	99
31) Cyclohexane	7.99	56	284528	45.205	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	336273	54.269	ug/l	99
36) 1,1-Dichloropropene	8.11	75	277931	51.289	ug/l	98
37) Ethyl Acetate	7.30	43	140782	66.131	ug/l	99
38) Carbon Tetrachloride	8.10	117	301468	52.174	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	307115	46.793	ug/l	97
40) Benzene	8.36	78	793510	53.641	ug/l	99
41) Methacrylonitrile	7.53	41	74874	60.619	ug/l	91
42) 1,2-Dichloroethane	8.43	62	255431	59.752	ug/l	97
43) Isopropyl Acetate	8.46	43	267060	63.027	ug/l	100
44) Trichloroethene	9.12	130	220345	50.704	ug/l	96
45) 1,2-Dichloropropane	9.39	63	204738	57.966	ug/l	96
46) Dibromomethane	9.48	93	117283	59.558	ug/l	99
47) Bromodichloromethane	9.67	83	307538	58.690	ug/l	98
48) Methyl methacrylate	9.46	41	128070	64.191	ug/l	97
49) 1,4-Dioxane	9.47	88	30095	1325.388	ug/l	99
51) 4-Methyl-2-Pentanone	10.24	43	701917	335.142	ug/l	99
52) Toluene	10.41	92	522468	53.833	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	291911	59.752	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	330545	57.381	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	158464	59.711	ug/l	97
56) Ethyl methacrylate	10.67	69	207904	62.728	ug/l	97
57) 1,3-Dichloropropane	10.95	76	279858	61.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	353557	279.992	ug/l	99
59) 2-Hexanone	10.99	43	478981	336.954	ug/l	99
60) Dibromochloromethane	11.14	129	218621	59.570	ug/l	100
61) 1,2-Dibromoethane	11.25	107	152057	58.091	ug/l	98
64) Tetrachloroethene	10.88	164	186618	46.921	ug/l	99
65) Chlorobenzene	11.68	112	561715	52.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	227665	56.126	ug/l	98
67) Ethyl Benzene	11.75	91	1000899	51.250	ug/l	100
68) m/p-Xylenes	11.86	106	776743	103.042	ug/l	98
69) o-Xylene	12.18	106	354350	52.043	ug/l	99
70) Styrene	12.20	104	652906	54.630	ug/l	99
71) Bromoform	12.37	173	132255	57.174	ug/l #	100
73) Isopropylbenzene	12.48	105	951451	50.907	ug/l	100
74) N-amyl acetate	12.30	43	243654	60.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	176354	60.065	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	118965m	57.603	ug/l	
77) Bromobenzene	12.77	156	241393	52.563	ug/l	96
78) n-propylbenzene	12.83	91	1126739	51.675	ug/l	98
79) 2-Chlorotoluene	12.91	91	628358	52.459	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	787583	51.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	59916	60.676	ug/l	98
82) 4-Chlorotoluene	13.01	91	666886	52.317	ug/l	100
83) tert-Butylbenzene	13.23	119	672012	50.412	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	796125	52.066	ug/l	99
85) sec-Butylbenzene	13.41	105	930203	50.900	ug/l	99
86) p-Isopropyltoluene	13.53	119	873062	49.962	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	464862	53.098	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	444174	51.646	ug/l	99
89) n-Butylbenzene	13.86	91	792848	50.383	ug/l	99
90) Hexachloroethane	14.12	117	169439	50.761	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	396773	53.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28691	60.279	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278426	50.653	ug/l	99
94) Hexachlorobutadiene	15.28	225	163349	47.225	ug/l	98
95) Naphthalene	15.41	128	491422	56.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	247509	52.745	ug/l	98

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

