

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067714.D
 Acq On : 19 Nov 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:06:21 AM

Quant Time: Nov 20 01:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	254333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	106636	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.92	113	105334	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.34	98	361638	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.64	95	133271	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	93409	44.909	ug/l	98
3) Chloromethane	2.21	50	57333	36.200	ug/l	95
4) Vinyl Chloride	2.35	62	69453	39.333	ug/l	98
5) Bromomethane	2.77	94	61600	43.041	ug/l	99
6) Chloroethane	2.92	64	48206	44.281	ug/l	97
7) Trichlorofluoromethane	3.28	101	219624	48.036	ug/l	96
8) Diethyl Ether	3.71	74	44854	48.688	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109210	47.321	ug/l	97
10) Methyl Iodide	4.31	142	109368	44.216	ug/l	95
11) Tert butyl alcohol	5.21	59	32259	344.223	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	96768	45.585	ug/l	96
13) Acrolein	3.93	56	20514	212.610	ug/l	98
14) Allyl chloride	4.72	41	100034	44.031	ug/l	92
15) Acrylonitrile	5.42	53	85659	251.534	ug/l	98
16) Acetone	4.16	43	84353	253.473	ug/l	95
17) Carbon Disulfide	4.41	76	265531	40.821	ug/l	98
18) Methyl Acetate	4.71	43	34982	50.869	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	230584	55.069	ug/l	97
20) Methylene Chloride	4.97	84	116149	49.409	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	113064	45.729	ug/l	95
22) Diisopropyl ether	6.37	45	215178	48.602	ug/l #	92
23) Vinyl Acetate	6.30	43	599860	258.840	ug/l	96
24) 1,1-Dichloroethane	6.27	63	172064	47.506	ug/l	98
25) 2-Butanone	7.21	43	91846	258.289	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189768	49.644	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	129979	50.648	ug/l	99
28) Bromochloromethane	7.54	49	60716	47.127	ug/l	87
29) Tetrahydrofuran	7.56	42	53921	253.148	ug/l	92
30) Chloroform	7.71	83	217948	50.439	ug/l	97
31) Cyclohexane	7.99	56	132448	41.064	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	223606	50.155	ug/l	99
36) 1,1-Dichloropropene	8.12	75	153430	48.266	ug/l	100
37) Ethyl Acetate	7.29	43	41188	49.907	ug/l	97
38) Carbon Tetrachloride	8.10	117	212800	51.523	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	182421	48.757	ug/l	97
40) Benzene	8.36	78	426482	49.529	ug/l	99
41) Methacrylonitrile	7.52	41	25088	50.856	ug/l	94
42) 1,2-Dichloroethane	8.43	62	142298	53.486	ug/l	98
43) Isopropyl Acetate	8.45	43	86100	52.752	ug/l	99
44) Trichloroethene	9.11	130	139847	49.393	ug/l	94
45) 1,2-Dichloropropane	9.39	63	91355	49.071	ug/l	99
46) Dibromomethane	9.48	93	61164	51.671	ug/l	98
47) Bromodichloromethane	9.67	83	173662	53.976	ug/l	99
48) Methyl methacrylate	9.46	41	42084	49.938	ug/l	87
49) 1,4-Dioxane	9.47	88	14495	1206.224	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	210396	269.535	ug/l	99
52) Toluene	10.41	92	295961	51.315	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	145189	52.690	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	167221	51.077	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	82516	52.685	ug/l	97
56) Ethyl methacrylate	10.67	69	88289	54.588	ug/l	98
57) 1,3-Dichloropropane	10.95	76	130198	51.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	193976	257.184	ug/l	99
59) 2-Hexanone	10.98	43	147428	270.119	ug/l	98
60) Dibromochloromethane	11.14	129	124478	53.727	ug/l	99
61) 1,2-Dibromoethane	11.25	107	79895	50.827	ug/l	97
64) Tetrachloroethene	10.88	164	124140	48.258	ug/l	96
65) Chlorobenzene	11.67	112	325695	48.678	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	137574	52.170	ug/l	97
67) Ethyl Benzene	11.75	91	576572	50.359	ug/l	99
68) m/p-Xylenes	11.86	106	453316	101.771	ug/l	100
69) o-Xylene	12.18	106	208752	52.492	ug/l	99
70) Styrene	12.20	104	361796	52.209	ug/l	98
71) Bromoform	12.36	173	70068	52.098	ug/l #	97
73) Isopropylbenzene	12.48	105	584811	51.030	ug/l	99
74) N-amyl acetate	12.29	43	75021	49.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	78673	50.344	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	58469m	54.659	ug/l	
77) Bromobenzene	12.77	156	141350	50.223	ug/l	97
78) n-propylbenzene	12.83	91	652380	49.768	ug/l	99
79) 2-Chlorotoluene	12.91	91	374939	50.353	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	504871	51.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24852	47.168	ug/l	94
82) 4-Chlorotoluene	13.01	91	401370	50.259	ug/l	99
83) tert-Butylbenzene	13.23	119	427267	51.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	507680	52.097	ug/l	99
85) sec-Butylbenzene	13.40	105	571016	50.982	ug/l	99
86) p-Isopropyltoluene	13.52	119	549021	50.760	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	271884	50.627	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	268547	49.385	ug/l	99
89) n-Butylbenzene	13.84	91	468426	50.140	ug/l	99
90) Hexachloroethane	14.11	117	102069	50.112	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	236191	50.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15712	56.787	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	170375	54.008	ug/l	98
94) Hexachlorobutadiene	15.27	225	107471	50.903	ug/l	97
95) Naphthalene	15.40	128	279479	57.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	144775	53.593	ug/l	98

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

