

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066013.D
 Acq On : 22 Jul 2020 20:28
 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
 7/23/2020 2:14:38 PM

Quant Time: Jul 23 01:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	311038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	486882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	456803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	144549	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
35) Dibromofluoromethane	7.91	113	149156	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.34	98	554639	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.64	95	197278	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	95115	40.295	ug/l	96
3) Chloromethane	2.20	50	89195	46.304	ug/l	98
4) Vinyl Chloride	2.35	62	81630	44.499	ug/l	99
5) Bromomethane	2.77	94	63756	49.355	ug/l	96
6) Chloroethane	2.92	64	53752	49.086	ug/l	98
7) Trichlorofluoromethane	3.27	101	203970	45.714	ug/l	95
8) Diethyl Ether	3.70	74	66119	53.611	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	123084	45.686	ug/l	99
10) Methyl Iodide	4.30	142	147776	53.541	ug/l	98
11) Tert butyl alcohol	5.21	59	37318	232.469	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	124972	48.595	ug/l	96
13) Acrolein	3.91	56	54459	255.397	ug/l	99
14) Allyl chloride	4.71	41	206804	51.444	ug/l	98
15) Acrylonitrile	5.42	53	147235	279.437	ug/l	99
16) Acetone	4.16	43	109185	213.132	ug/l	100
17) Carbon Disulfide	4.41	76	392408	47.041	ug/l	99
18) Methyl Acetate	4.71	43	63589	53.358	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	300345	56.842	ug/l	96
20) Methylene Chloride	4.96	84	158305	56.257	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	150361	51.732	ug/l	96
22) Diisopropyl ether	6.36	45	428892	56.158	ug/l	98
23) Vinyl Acetate	6.31	43	1237827	287.385	ug/l	97
24) 1,1-Dichloroethane	6.27	63	249705	53.961	ug/l	96
25) 2-Butanone	7.21	43	178033	261.905	ug/l	98
26) 2,2-Dichloropropane	7.21	77	195778	47.047	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	166781	54.196	ug/l	99
28) Bromochloromethane	7.55	49	111015	56.523	ug/l	95
29) Tetrahydrofuran	7.56	42	118460	282.440	ug/l	97
30) Chloroform	7.71	83	262245	54.177	ug/l	98
31) Cyclohexane	7.98	56	202877	44.563	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	229266	51.204	ug/l	100
36) 1,1-Dichloropropene	8.11	75	192079	46.225	ug/l	98
37) Ethyl Acetate	7.29	43	82479	51.974	ug/l	99
38) Carbon Tetrachloride	8.10	117	207756	46.079	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	225724	44.857	ug/l	97
40) Benzene	8.35	78	580804	49.961	ug/l	98
41) Methacrylonitrile	7.52	41	51141	56.256	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	167219	52.493	ug/l	99
43) Isopropyl Acetate	8.46	43	164037	52.924	ug/l	98
44) Trichloroethene	9.11	130	169186	48.093	ug/l	95
45) 1,2-Dichloropropane	9.39	63	142755	50.703	ug/l	95
46) Dibromomethane	9.48	93	81614	53.847	ug/l	99
47) Bromodichloromethane	9.66	83	207223	51.707	ug/l	97
48) Methyl methacrylate	9.46	41	78700	50.338	ug/l	93
49) 1,4-Dioxane	9.46	88	18040	1027.339	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	423621	271.259	ug/l	100
52) Toluene	10.41	92	395037	52.107	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	196009	52.498	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	233993	51.701	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	112939	52.539	ug/l	94
56) Ethyl methacrylate	10.67	69	138889	55.572	ug/l	99
57) 1,3-Dichloropropane	10.95	76	191454	53.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	307290	257.383	ug/l	99
59) 2-Hexanone	10.99	43	286945	265.143	ug/l	96
60) Dibromochloromethane	11.14	129	154005	53.135	ug/l	99
61) 1,2-Dibromoethane	11.25	107	111898	53.989	ug/l	99
64) Tetrachloroethene	10.88	164	146971	47.403	ug/l	98
65) Chlorobenzene	11.67	112	426322	50.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	162498	52.618	ug/l	99
67) Ethyl Benzene	11.75	91	726641	50.484	ug/l	97
68) m/p-Xylenes	11.86	106	559681	101.167	ug/l	100
69) o-Xylene	12.18	106	263503	52.368	ug/l	98
70) Styrene	12.20	104	467909	54.122	ug/l	99
71) Bromoform	12.37	173	96756	53.487	ug/l #	99
73) Isopropylbenzene	12.48	105	710126	49.429	ug/l	100
74) N-amyl acetate	12.30	43	159979	53.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	120292	50.665	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	71732m	40.126	ug/l	
77) Bromobenzene	12.77	156	185061	50.404	ug/l	99
78) n-propylbenzene	12.83	91	814508	48.858	ug/l	100
79) 2-Chlorotoluene	12.91	91	474463	49.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	601877	50.993	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39672	50.923	ug/l	95
82) 4-Chlorotoluene	13.01	91	500798	49.816	ug/l	100
83) tert-Butylbenzene	13.23	119	516475	50.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	598635	51.408	ug/l	100
85) sec-Butylbenzene	13.41	105	688021	48.362	ug/l	99
86) p-Isopropyltoluene	13.52	119	638533	49.404	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	339455	49.798	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	343994	49.918	ug/l	98
89) n-Butylbenzene	13.85	91	574781	47.828	ug/l	99
90) Hexachloroethane	14.12	117	127999	47.840	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	306167	51.832	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20177	51.853	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	221282	52.190	ug/l	99
94) Hexachlorobutadiene	15.27	225	125084	47.719	ug/l	99
95) Naphthalene	15.41	128	382228	50.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	193177	52.409	ug/l	99

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

