

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066394.D
 Acq On : 25 Aug 2020 11:11
 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
 8/26/2020 4:23:00 PM

Quant Time: Aug 26 08:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	206097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	264132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115748	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.91	113	99251	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.33	98	369548	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.63	95	134013	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84298	48.112	ug/l	96
3) Chloromethane	2.20	50	59534	47.935	ug/l	96
4) Vinyl Chloride	2.34	62	65773	49.325	ug/l	98
5) Bromomethane	2.76	94	52512	52.649	ug/l	98
6) Chloroethane	2.91	64	43672	51.147	ug/l	96
7) Trichlorofluoromethane	3.27	101	190202	52.454	ug/l	94
8) Diethyl Ether	3.70	74	39658	48.813	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92267	51.561	ug/l	98
10) Methyl Iodide	4.29	142	94442	46.273	ug/l	99
11) Tert butyl alcohol	5.21	59	33755	300.258	ug/l	98
12) 1,1-Dichloroethene	4.06	96	83972	49.990	ug/l	98
13) Acrolein	3.92	56	15745	175.479	ug/l	98
14) Allyl chloride	4.70	41	109255	48.730	ug/l	94
15) Acrylonitrile	5.41	53	80830	247.968	ug/l	99
16) Acetone	4.15	43	93640	257.058	ug/l	95
17) Carbon Disulfide	4.40	76	247114	48.543	ug/l	98
18) Methyl Acetate	4.72	43	33115	48.436	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	213924	52.890	ug/l	98
20) Methylene Chloride	4.96	84	95112	48.695	ug/l #	92
21) trans-1,2-Dichloroethene	5.47	96	99330	50.800	ug/l	93
22) Diisopropyl ether	6.36	45	220457	50.786	ug/l	98
23) Vinyl Acetate	6.30	43	699917	260.455	ug/l	99
24) 1,1-Dichloroethane	6.26	63	160346	52.270	ug/l	99
25) 2-Butanone	7.21	43	106753	258.142	ug/l	96
26) 2,2-Dichloropropane	7.20	77	172245	52.388	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	107885	51.493	ug/l	100
28) Bromochloromethane	7.54	49	60192	56.964	ug/l	97
29) Tetrahydrofuran	7.56	42	59782	254.514	ug/l	97
30) Chloroform	7.71	83	186969	52.679	ug/l	98
31) Cyclohexane	7.98	56	129565	46.181	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	192509	52.997	ug/l	100
36) 1,1-Dichloropropene	8.10	75	136763	50.740	ug/l	99
37) Ethyl Acetate	7.29	43	45996	50.174	ug/l #	93
38) Carbon Tetrachloride	8.09	117	187670	53.442	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162417	51.154	ug/l	98
40) Benzene	8.34	78	363813	51.309	ug/l	95
41) Methacrylonitrile	7.52	41	32982	58.341	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	131220	52.544	ug/l	97
43) Isopropyl Acetate	8.44	43	93222	50.664	ug/l	98
44) Trichloroethene	9.11	130	116974	50.770	ug/l	94
45) 1,2-Dichloropropane	9.38	63	81260	50.551	ug/l	94
46) Dibromomethane	9.47	93	53191	53.146	ug/l	98
47) Bromodichloromethane	9.66	83	149474	54.307	ug/l	97
48) Methyl methacrylate	9.45	41	45991	48.471	ug/l	96
49) 1,4-Dioxane	9.46	88	11770	1012.779	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	225546	253.387	ug/l	99
52) Toluene	10.40	92	248615	51.753	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	135584	51.914	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	150203	51.237	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	66516	49.092	ug/l	93
56) Ethyl methacrylate	10.66	69	83354	53.143	ug/l	96
57) 1,3-Dichloropropane	10.94	76	116410	51.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	172481	264.770	ug/l	96
59) 2-Hexanone	10.98	43	161929	257.905	ug/l	100
60) Dibromochloromethane	11.14	129	104545	51.189	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68999	51.747	ug/l	95
64) Tetrachloroethene	10.87	164	101443	50.628	ug/l	94
65) Chlorobenzene	11.67	112	277922	52.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113656	52.924	ug/l	98
67) Ethyl Benzene	11.74	91	491789	53.166	ug/l	99
68) m/p-Xylenes	11.85	106	375092	106.389	ug/l	97
69) o-Xylene	12.18	106	174911	53.328	ug/l	99
70) Styrene	12.19	104	302594	53.730	ug/l	99
71) Bromoform	12.36	173	64024	52.548	ug/l #	98
73) Isopropylbenzene	12.48	105	493138	53.026	ug/l	99
74) N-amyl acetate	12.28	43	84140	50.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	66163	49.801	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	44907m	45.980	ug/l	
77) Bromobenzene	12.76	156	124363	52.686	ug/l	98
78) n-propylbenzene	12.82	91	557768	52.307	ug/l	100
79) 2-Chlorotoluene	12.91	91	322676	52.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	430578	53.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23861	51.860	ug/l	97
82) 4-Chlorotoluene	13.00	91	339294	52.583	ug/l	98
83) tert-Butylbenzene	13.23	119	373632	53.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	422794	53.607	ug/l	100
85) sec-Butylbenzene	13.40	105	482269	52.776	ug/l	100
86) p-Isopropyltoluene	13.52	119	469099	53.238	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	227083	51.537	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	229558	51.888	ug/l	100
89) n-Butylbenzene	13.84	91	409765	52.700	ug/l	99
90) Hexachloroethane	14.11	117	87203	50.100	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	199037	52.473	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15150	54.371	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	157567	53.210	ug/l	99
94) Hexachlorobutadiene	15.27	225	98834	53.707	ug/l	99
95) Naphthalene	15.41	128	250679	53.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	135119	53.265	ug/l	97

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

