

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066072.D
 Acq On : 28 Jul 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
 7/29/2020 7:05:53 PM

Quant Time: Jul 29 01:41:14 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	7.97	168	270084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	378853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	119473	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	7.91	113	124810	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	467212	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.64	95	163465	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92025	44.897	ug/l	98
3) Chloromethane	2.21	50	75659	45.232	ug/l	97
4) Vinyl Chloride	2.35	62	76900	48.278	ug/l	97
5) Bromomethane	2.77	94	53057	47.068	ug/l	93
6) Chloroethane	2.92	64	48964	51.494	ug/l	94
7) Trichlorofluoromethane	3.27	101	200101	51.647	ug/l	96
8) Diethyl Ether	3.70	74	53631	50.079	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114931	49.128	ug/l	95
10) Methyl Iodide	4.30	142	127952	53.414	ug/l	94
11) Tert butyl alcohol	5.21	59	39314	288.527	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	110376	49.428	ug/l	99
13) Acrolein	3.92	56	40887	220.824	ug/l	99
14) Allyl chloride	4.71	41	162169	46.457	ug/l	93
15) Acrylonitrile	5.42	53	113357	247.763	ug/l	98
16) Acetone	4.16	43	134025	301.292	ug/l	96
17) Carbon Disulfide	4.41	76	318417	43.959	ug/l	100
18) Methyl Acetate	4.71	43	47070	45.486	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	247937	54.039	ug/l	100
20) Methylene Chloride	4.96	84	121186	49.223	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	122069	48.367	ug/l	96
22) Diisopropyl ether	6.36	45	318545	48.034	ug/l	96
23) Vinyl Acetate	6.30	43	966112	258.313	ug/l	96
24) 1,1-Dichloroethane	6.26	63	199216	49.578	ug/l	98
25) 2-Butanone	7.21	43	151809	257.190	ug/l	100
26) 2,2-Dichloropropane	7.20	77	197515	54.662	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	134539	50.348	ug/l	99
28) Bromochloromethane	7.54	49	84932	49.800	ug/l	89
29) Tetrahydrofuran	7.56	42	89345	245.324	ug/l	93
30) Chloroform	7.71	83	215445	51.257	ug/l	96
31) Cyclohexane	7.98	56	178470	45.146	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	209855	53.976	ug/l	99
36) 1,1-Dichloropropene	8.11	75	168780	52.200	ug/l	98
37) Ethyl Acetate	7.29	43	64458	52.201	ug/l #	94
38) Carbon Tetrachloride	8.10	117	200509	57.153	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205602	52.509	ug/l	96
40) Benzene	8.35	78	467731	51.707	ug/l	95
41) Methacrylonitrile	7.52	41	36252	51.249	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	138782	55.989	ug/l	100
43) Isopropyl Acetate	8.45	43	129492	53.692	ug/l	99
44) Trichloroethene	9.11	130	144543	52.804	ug/l	95
45) 1,2-Dichloropropane	9.39	63	110328	50.359	ug/l	97
46) Dibromomethane	9.48	93	62912	53.343	ug/l	95
47) Bromodichloromethane	9.66	83	167013	53.557	ug/l	99
48) Methyl methacrylate	9.46	41	62056	51.010	ug/l	89
49) 1,4-Dioxane	9.46	88	14774	1081.256	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	328140	270.035	ug/l	99
52) Toluene	10.40	92	314645	53.338	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	165997	57.137	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	188091	53.409	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	89249	53.358	ug/l	94
56) Ethyl methacrylate	10.66	69	110060	56.594	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	147366	53.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	235886	253.914	ug/l	97
59) 2-Hexanone	10.99	43	242915	288.462	ug/l	98
60) Dibromochloromethane	11.14	129	124396	55.158	ug/l	99
61) 1,2-Dibromoethane	11.25	107	87935	54.525	ug/l	97
64) Tetrachloroethene	10.88	164	128775	54.061	ug/l	96
65) Chlorobenzene	11.67	112	343896	53.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	133542	56.284	ug/l	99
67) Ethyl Benzene	11.75	91	609183	55.089	ug/l	100
68) m/p-Xylenes	11.86	106	472697	111.215	ug/l	99
69) o-Xylene	12.18	106	218600	56.547	ug/l	100
70) Styrene	12.20	104	375063	56.468	ug/l	99
71) Bromoform	12.37	173	79369	57.108	ug/l #	97
73) Isopropylbenzene	12.48	105	615230	52.844	ug/l	100
74) N-amyl acetate	12.30	43	120997	50.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	99069	51.490	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	75279m	51.963	ug/l	
77) Bromobenzene	12.77	156	153223	51.497	ug/l	95
78) n-propylbenzene	12.83	91	715212	52.940	ug/l	100
79) 2-Chlorotoluene	12.91	91	392209	50.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	510489	53.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	33667	53.327	ug/l	98
82) 4-Chlorotoluene	13.01	91	418054	51.316	ug/l	100
83) tert-Butylbenzene	13.23	119	452880	54.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	512592	54.319	ug/l	98
85) sec-Butylbenzene	13.41	105	617457	53.558	ug/l	98
86) p-Isopropyltoluene	13.53	119	584351	55.791	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	292775	53.000	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	285148	51.061	ug/l	99
89) n-Butylbenzene	13.85	91	526351	54.046	ug/l	99
90) Hexachloroethane	14.12	117	111099	51.239	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	252169	52.680	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16798	53.271	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	194381	56.573	ug/l	99
94) Hexachlorobutadiene	15.28	225	118497	55.784	ug/l	98
95) Naphthalene	15.41	128	321703	52.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	168178	56.303	ug/l	99

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

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