

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066269.D
 Acq On : 17 Aug 2020 20:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:08:51 AM

Quant Time: Aug 18 08:31:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	252504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	372409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	130801	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
35) Dibromofluoromethane	7.91	113	132869	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
50) Toluene-d8	10.33	98	477756	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.63	95	176021	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	90606	40.728	ug/l	99
3) Chloromethane	2.20	50	71419	41.270	ug/l	95
4) Vinyl Chloride	2.34	62	71078	46.393	ug/l	98
5) Bromomethane	2.76	94	50869	50.045	ug/l	97
6) Chloroethane	2.91	64	45961	48.871	ug/l	90
7) Trichlorofluoromethane	3.27	101	191624	47.975	ug/l	99
8) Diethyl Ether	3.70	74	55913	49.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	111144	46.887	ug/l	97
10) Methyl Iodide	4.30	142	105652	49.096	ug/l	97
11) Tert butyl alcohol	5.21	59	39132	229.521	ug/l	95
12) 1,1-Dichloroethene	4.06	96	103254	46.174	ug/l	93
13) Acrolein	3.93	56	33709	187.991	ug/l	98
14) Allyl chloride	4.71	41	159574	47.103	ug/l	95
15) Acrylonitrile	5.42	53	128088	269.701	ug/l	99
16) Acetone	4.16	43	100851	235.944	ug/l	99
17) Carbon Disulfide	4.40	76	295382	41.544	ug/l	99
18) Methyl Acetate	4.71	43	54549	50.243	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	274555	53.566	ug/l	99
20) Methylene Chloride	4.96	84	138733	57.187	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	121862	47.438	ug/l	95
22) Diisopropyl ether	6.36	45	338872	50.582	ug/l	97
23) Vinyl Acetate	6.30	43	1016666	259.037	ug/l	100
24) 1,1-Dichloroethane	6.26	63	209568	50.547	ug/l	97
25) 2-Butanone	7.21	43	154927	246.432	ug/l	98
26) 2,2-Dichloropropane	7.21	77	180011	48.443	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139663	51.834	ug/l	99
28) Bromochloromethane	7.54	49	79260	54.430	ug/l	96
29) Tetrahydrofuran	7.56	42	99838	256.318	ug/l	98
30) Chloroform	7.70	83	229846	52.796	ug/l	98
31) Cyclohexane	7.98	56	170170	43.118	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	212360	52.025	ug/l	99
36) 1,1-Dichloropropene	8.11	75	167839	47.961	ug/l	99
37) Ethyl Acetate	7.29	43	70963	51.179	ug/l	98
38) Carbon Tetrachloride	8.08	117	199775	51.191	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	197383	46.659	ug/l	100
40) Benzene	8.34	78	479320	49.374	ug/l	98
41) Methacrylonitrile	7.53	41	42367m	51.968	ug/l	
42) 1,2-Dichloroethane	8.42	62	149605	52.458	ug/l	100
43) Isopropyl Acetate	8.44	43	143144	52.397	ug/l	97
44) Trichloroethene	9.11	130	147608	50.458	ug/l	98
45) 1,2-Dichloropropane	9.38	63	119115	50.168	ug/l	92
46) Dibromomethane	9.47	93	69260	52.958	ug/l	100
47) Bromodichloromethane	9.66	83	182299	52.740	ug/l	96
48) Methyl methacrylate	9.45	41	66833	47.910	ug/l #	83
49) 1,4-Dioxane	9.46	88	15786	939.515	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	363593	259.103	ug/l	99
52) Toluene	10.40	92	322090	50.421	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	169442	51.654	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	195898	50.971	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95464	50.692	ug/l	95
56) Ethyl methacrylate	10.66	69	121576	53.740	ug/l	97
57) 1,3-Dichloropropane	10.94	76	160599	51.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	280518	275.665	ug/l	99
59) 2-Hexanone	10.98	43	249681	253.524	ug/l	98
60) Dibromochloromethane	11.14	129	135752	52.214	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96245	53.142	ug/l	100
64) Tetrachloroethene	10.87	164	128444	47.965	ug/l	97
65) Chlorobenzene	11.67	112	351881	49.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	141819	51.200	ug/l	97
67) Ethyl Benzene	11.74	91	629952	51.350	ug/l	99
68) m/p-Xylenes	11.85	106	477602	100.484	ug/l	97
69) o-Xylene	12.18	106	219121	50.679	ug/l	98
70) Styrene	12.19	104	395459	52.189	ug/l	99
71) Bromoform	12.36	173	85613	52.168	ug/l #	97
73) Isopropylbenzene	12.48	105	620668	49.991	ug/l	99
74) N-amyl acetate	12.29	43	137215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	103307	48.797	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	66883m	43.120	ug/l	
77) Bromobenzene	12.76	156	160647	50.264	ug/l	98
78) n-propylbenzene	12.82	91	711214	49.279	ug/l	100
79) 2-Chlorotoluene	12.91	91	404902	49.053	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	522624	50.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	34370	48.983	ug/l	97
82) 4-Chlorotoluene	13.01	91	424644	48.733	ug/l	99
83) tert-Butylbenzene	13.23	119	450659	49.352	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	520412	50.081	ug/l	99
85) sec-Butylbenzene	13.40	105	616891	50.037	ug/l	99
86) p-Isopropyltoluene	13.52	119	582598	50.384	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	294858	49.087	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	289538	48.333	ug/l	99
89) n-Butylbenzene	13.84	91	517281	49.930	ug/l	100
90) Hexachloroethane	14.11	117	112342	48.713	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	267113	50.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18618	51.168	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	191983	49.040	ug/l	99
94) Hexachlorobutadiene	15.27	225	112776	48.920	ug/l	99
95) Naphthalene	15.41	128	334559	52.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	173746	50.275	ug/l	99

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

