

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066552.D
 Acq On : 03 Sep 2020 23:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:55:07 PM

Quant Time: Sep 04 06:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	324849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	574831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	546646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221536	56.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.74%	
35) Dibromofluoromethane	7.91	113	203641	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.33	98	762922	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.63	95	258844	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	127465	47.305	ug/l	93
3) Chloromethane	2.20	50	208560	50.767	ug/l	97
4) Vinyl Chloride	2.35	62	217068	47.639	ug/l	100
5) Bromomethane	2.77	94	161652	56.729	ug/l #	81
6) Chloroethane	2.92	64	144084	49.785	ug/l	96
7) Trichlorofluoromethane	3.27	101	299416	44.482	ug/l	98
8) Diethyl Ether	3.71	74	89575	52.847	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162525	44.613	ug/l	98
10) Methyl Iodide	4.30	142	164382	49.512	ug/l	99
11) Tert butyl alcohol	5.21	59	60286	244.168	ug/l	98
12) 1,1-Dichloroethene	4.06	96	157303	48.063	ug/l	86
13) Acrolein	3.92	56	36467	226.917	ug/l	92
14) Allyl chloride	4.71	41	272989	50.894	ug/l	100
15) Acrylonitrile	5.42	53	198993	273.294	ug/l	99
16) Acetone	4.16	43	163001	225.396	ug/l	93
17) Carbon Disulfide	4.40	76	525707	48.860	ug/l	98
18) Methyl Acetate	4.71	43	104204	60.446	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	418154	54.483	ug/l	97
20) Methylene Chloride	4.97	84	214916	55.223	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	199432	51.314	ug/l	98
22) Diisopropyl ether	6.36	45	622139	56.402	ug/l	98
23) Vinyl Acetate	6.30	43	1722722	274.449	ug/l	98
24) 1,1-Dichloroethane	6.26	63	358240	51.646	ug/l	100
25) 2-Butanone	7.21	43	252178	259.767	ug/l	92
26) 2,2-Dichloropropane	7.20	77	282347	44.375	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	226297	54.145	ug/l	96
28) Bromochloromethane	7.54	49	152052	56.938	ug/l	99
29) Tetrahydrofuran	7.56	42	171189	283.146	ug/l	98
30) Chloroform	7.71	83	389849	53.125	ug/l	95
31) Cyclohexane	7.98	56	288939	45.062	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	328531	47.617	ug/l	99
36) 1,1-Dichloropropene	8.11	75	277894	46.453	ug/l	99
37) Ethyl Acetate	7.29	43	120937	50.769	ug/l	99
38) Carbon Tetrachloride	8.09	117	292378	46.239	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	303126	45.378	ug/l	99
40) Benzene	8.34	78	805006	49.133	ug/l	100
41) Methacrylonitrile	7.52	41	68142	59.095	ug/l #	66
42) 1,2-Dichloroethane	8.42	62	258852	48.762	ug/l	100
43) Isopropyl Acetate	8.45	43	234677	51.407	ug/l	98
44) Trichloroethene	9.11	130	209212	48.680	ug/l	100
45) 1,2-Dichloropropane	9.38	63	209114	50.752	ug/l	99
46) Dibromomethane	9.47	93	114885	50.539	ug/l	98
47) Bromodichloromethane	9.66	83	298771	48.579	ug/l	97
48) Methyl methacrylate	9.45	41	111296	48.215	ug/l	95
49) 1,4-Dioxane	9.45	88	24837	995.916	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	610958	265.371	ug/l	98
52) Toluene	10.40	92	531486	51.246	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	276102	50.855	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	326100	50.016	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	149233	51.059	ug/l	96
56) Ethyl methacrylate	10.66	69	187110	54.982	ug/l	96
57) 1,3-Dichloropropane	10.94	76	268581	52.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	402341	258.480	ug/l	99
59) 2-Hexanone	10.98	43	409732	264.644	ug/l	99
60) Dibromochloromethane	11.14	129	197771	51.170	ug/l	99
61) 1,2-Dibromoethane	11.24	107	143040	50.304	ug/l	97
64) Tetrachloroethene	10.87	164	165957	45.090	ug/l	96
65) Chlorobenzene	11.67	112	542413	48.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	207144	48.107	ug/l	99
67) Ethyl Benzene	11.74	91	994148	47.988	ug/l	97
68) m/p-Xylenes	11.85	106	756665	98.369	ug/l	99
69) o-Xylene	12.18	106	339101	49.190	ug/l	98
70) Styrene	12.20	104	612048	51.069	ug/l	99
71) Bromoform	12.36	173	105724	48.719	ug/l #	99
73) Isopropylbenzene	12.48	105	927458	48.094	ug/l	100
74) N-amyl acetate	12.29	43	210604	48.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160588	47.136	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	106434m	42.490	ug/l	
77) Bromobenzene	12.76	156	210937	49.063	ug/l	99
78) n-propylbenzene	12.82	91	1135345	48.566	ug/l	99
79) 2-Chlorotoluene	12.91	91	639673	48.775	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	790651	48.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	50523	47.088	ug/l	97
82) 4-Chlorotoluene	13.01	91	682586	48.671	ug/l	99
83) tert-Butylbenzene	13.23	119	634444	47.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	806988	49.938	ug/l	98
85) sec-Butylbenzene	13.40	105	893866	46.809	ug/l	99
86) p-Isopropyltoluene	13.52	119	829629	48.269	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	410186	48.058	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	400023	46.695	ug/l	98
89) n-Butylbenzene	13.85	91	793068	47.350	ug/l	99
90) Hexachloroethane	14.11	117	171220	46.233	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	353299	47.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27004	46.660	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215964	48.235	ug/l	99
94) Hexachlorobutadiene	15.27	225	115594	42.974	ug/l	96
95) Naphthalene	15.41	128	402011	51.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	192155	50.339	ug/l	99

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

