

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066518.D
 Acq On : 02 Sep 2020 12:43
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:16 PM

Quant Time: Sep 02 14:11:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	165803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	225592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97578	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.91	113	73593	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	10.34	98	282905	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.63	95	93292	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	65555	46.346	ug/l	100
3) Chloromethane	2.20	50	40973	48.185	ug/l	100
4) Vinyl Chloride	2.35	62	51633	49.792	ug/l	100
5) Bromomethane	2.77	94	41588	49.071	ug/l	100
6) Chloroethane	2.92	64	34534	49.501	ug/l	100
7) Trichlorofluoromethane	3.27	101	157189	49.729	ug/l	100
8) Diethyl Ether	3.71	74	27657	46.684	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	63162	47.982	ug/l	100
10) Methyl Iodide	4.30	142	77555	53.133	ug/l	100
11) Tert butyl alcohol	5.21	59	24455	188.254	ug/l	100
12) 1,1-Dichloroethene	4.06	96	62501	50.524	ug/l	100
13) Acrolein	3.92	56	14438	249.283	ug/l	100
14) Allyl chloride	4.71	41	70549	51.020	ug/l	100
15) Acrylonitrile	5.42	53	52153	245.482	ug/l	100
16) Acetone	4.15	43	66495	252.154	ug/l	100
17) Carbon Disulfide	4.41	76	178013	49.796	ug/l	100
18) Methyl Acetate	4.71	43	20628	48.669	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	163936	50.789	ug/l	100
20) Methylene Chloride	4.96	84	67296	43.727	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	70413	49.763	ug/l	100
22) Diisopropyl ether	6.36	45	142293	51.344	ug/l	100
23) Vinyl Acetate	6.30	43	458183	257.158	ug/l	100
24) 1,1-Dichloroethane	6.26	63	108108	49.668	ug/l	100
25) 2-Butanone	7.21	43	66378	243.192	ug/l	100
26) 2,2-Dichloropropane	7.21	77	138092	50.070	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	77011	50.188	ug/l	100
28) Bromochloromethane	7.54	49	33824	53.713	ug/l	100
29) Tetrahydrofuran	7.56	42	35816	255.261	ug/l	100
30) Chloroform	7.71	83	144299	51.342	ug/l	100
31) Cyclohexane	7.98	56	83549	44.427	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	160182	51.174	ug/l	100
36) 1,1-Dichloropropene	8.11	75	101145	51.147	ug/l	100
37) Ethyl Acetate	7.29	43	29444	49.602	ug/l	100
38) Carbon Tetrachloride	8.09	117	157063	52.136	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	116061	50.234	ug/l	100
40) Benzene	8.35	78	262754	51.507	ug/l	100
41) Methacrylonitrile	7.52	41	14142	41.843	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	109279	50.637	ug/l	100
43) Isopropyl Acetate	8.44	43	62616	50.355	ug/l	100
44) Trichloroethene	9.11	130	90773	51.554	ug/l	100
45) 1,2-Dichloropropane	9.38	63	50706	50.097	ug/l	100
46) Dibromomethane	9.47	93	37433	50.516	ug/l	100
47) Bromodichloromethane	9.66	83	112286	50.984	ug/l	100
48) Methyl methacrylate	9.46	41	32309	50.985	ug/l	100
49) 1,4-Dioxane	9.46	88	8736	1008.103	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	147770	258.437	ug/l	100
52) Toluene	10.40	92	187449	51.660	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	106523	52.940	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	109011	51.425	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	47771	51.019	ug/l	100
56) Ethyl methacrylate	10.66	69	56254	51.049	ug/l	100
57) 1,3-Dichloropropane	10.94	76	79975	51.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	103570	240.773	ug/l	100
59) 2-Hexanone	10.98	43	104313	252.601	ug/l	100
60) Dibromochloromethane	11.14	129	79118	51.099	ug/l	100
61) 1,2-Dibromoethane	11.24	107	47347	49.607	ug/l	100
64) Tetrachloroethene	10.87	164	80169	49.870	ug/l	100
65) Chlorobenzene	11.67	112	209178	51.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87826	51.171	ug/l	100
67) Ethyl Benzene	11.74	91	371098	51.933	ug/l	100
68) m/p-Xylenes	11.86	106	286362	103.576	ug/l	100
69) o-Xylene	12.18	106	132490	50.590	ug/l	100
70) Styrene	12.20	104	229340	51.150	ug/l	100
71) Bromoform	12.36	173	49404	52.479	ug/l #	100
73) Isopropylbenzene	12.48	105	383337	51.512	ug/l	100
74) N-amyl acetate	12.29	43	56579	50.423	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	42490	48.319	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	34000m	48.336	ug/l	
77) Bromobenzene	12.76	156	94222	49.894	ug/l	100
78) n-propylbenzene	12.82	91	413611	51.005	ug/l	100
79) 2-Chlorotoluene	12.91	91	238252	50.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	328223	50.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15832	50.324	ug/l	100
82) 4-Chlorotoluene	13.01	91	253564	50.313	ug/l	100
83) tert-Butylbenzene	13.23	119	288433	50.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	333095	51.476	ug/l	100
85) sec-Butylbenzene	13.40	105	361210	50.244	ug/l	100
86) p-Isopropyltoluene	13.52	119	362403	50.435	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	172201	49.166	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	178652	50.421	ug/l	100
89) n-Butylbenzene	13.84	91	306243	50.882	ug/l	100
90) Hexachloroethane	14.11	117	62791	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	153449	50.370	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11475	49.342	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123802	51.487	ug/l	100
94) Hexachlorobutadiene	15.27	225	79957	51.296	ug/l	100
95) Naphthalene	15.41	128	189608	50.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104862	50.470	ug/l	100

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

