

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110320\
 Data File : VD067504.D
 Acq On : 03 Nov 2020 11:37
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 10:43:22 AM

Quant Time: Nov 04 00:41:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	491462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	446968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	132231	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
35) Dibromofluoromethane	7.92	113	140884	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.34	98	489533	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.64	95	169844	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	140147	45.001	ug/l	100
3) Chloromethane	2.21	50	93559	44.114	ug/l	100
4) Vinyl Chloride	2.35	62	111939	47.340	ug/l	100
5) Bromomethane	2.77	94	89503	46.701	ug/l	100
6) Chloroethane	2.93	64	71601	49.116	ug/l	100
7) Trichlorofluoromethane	3.28	101	289984	47.364	ug/l	100
8) Diethyl Ether	3.71	74	58444	47.374	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	148123	47.929	ug/l	100
10) Methyl Iodide	4.30	142	176971	53.429	ug/l	100
11) Tert butyl alcohol	5.23	59	31736	210.468	ug/l	100
12) 1,1-Dichloroethene	4.07	96	134970	47.480	ug/l	100
13) Acrolein	3.93	56	32930	304.343	ug/l	100
14) Allyl chloride	4.71	41	150496	49.467	ug/l	100
15) Acrylonitrile	5.43	53	112506	246.707	ug/l	100
16) Acetone	4.16	43	122862	275.697	ug/l	100
17) Carbon Disulfide	4.41	76	418589	48.055	ug/l	100
18) Methyl Acetate	4.72	43	40891	44.403	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	281400	50.186	ug/l	100
20) Methylene Chloride	4.97	84	144389	45.868	ug/l	100
21) trans-1,2-Dichloroethene	5.48	96	159675	48.227	ug/l	100
22) Diisopropyl ether	6.36	45	295194	49.791	ug/l	100
23) Vinyl Acetate	6.31	43	811752	261.072	ug/l	100
24) 1,1-Dichloroethane	6.27	63	231139	47.655	ug/l	100
25) 2-Butanone	7.21	43	117281	246.296	ug/l	100
26) 2,2-Dichloropropane	7.21	77	248724	48.589	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	170587	49.638	ug/l	100
28) Bromochloromethane	7.55	49	86502	50.139	ug/l	100
29) Tetrahydrofuran	7.57	42	72214	253.175	ug/l	100
30) Chloroform	7.71	83	281189	48.596	ug/l	100
31) Cyclohexane	8.00	56	202907	46.978	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	284183	47.600	ug/l	100
36) 1,1-Dichloropropene	8.12	75	208555	49.575	ug/l	100
37) Ethyl Acetate	7.30	43	57399	52.556	ug/l	100
38) Carbon Tetrachloride	8.10	117	270307	49.454	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	262628	53.042	ug/l	100
40) Benzene	8.36	78	570583	50.072	ug/l	100
41) Methacrylonitrile	7.53	41	29853	54.341	ug/l	100
42) 1,2-Dichloroethane	8.43	62	173983	49.416	ug/l	100
43) Isopropyl Acetate	8.46	43	107925	49.966	ug/l	100
44) Trichloroethene	9.12	130	182263	48.644	ug/l	100
45) 1,2-Dichloropropane	9.39	63	121043	49.130	ug/l	100
46) Dibromomethane	9.48	93	78653	50.209	ug/l	100
47) Bromodichloromethane	9.67	83	214277	50.326	ug/l	100
48) Methyl methacrylate	9.46	41	58568	52.516	ug/l	100
49) 1,4-Dioxane	9.47	88	16158	1016.045	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	266443	257.927	ug/l	100
52) Toluene	10.41	92	386804	50.678	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	184531	50.603	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	216215	49.904	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	104566	50.449	ug/l	100
56) Ethyl methacrylate	10.67	69	110864	51.796	ug/l	100
57) 1,3-Dichloropropane	10.95	76	168705	50.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	265177	265.673	ug/l	100
59) 2-Hexanone	10.99	43	194702	269.564	ug/l	100
60) Dibromochloromethane	11.15	129	155211	50.622	ug/l	100
61) 1,2-Dibromoethane	11.25	107	102715	49.377	ug/l	100
64) Tetrachloroethene	10.88	164	162810	49.184	ug/l	100
65) Chlorobenzene	11.68	112	425647	49.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	166992	49.211	ug/l	100
67) Ethyl Benzene	11.75	91	751532	51.010	ug/l	100
68) m/p-Xylenes	11.86	106	583068	101.725	ug/l	100
69) o-Xylene	12.18	106	261549	51.109	ug/l	100
70) Styrene	12.20	104	454791	51.001	ug/l	100
71) Bromoform	12.37	173	85862	49.612	ug/l #	100
73) Isopropylbenzene	12.48	105	758614	52.552	ug/l	100
74) N-amyl acetate	12.30	43	98103	51.648	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	96980	49.268	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	62876m	44.639	ug/l	
77) Bromobenzene	12.77	156	178629	50.387	ug/l	100
78) n-propylbenzene	12.83	91	862990	52.266	ug/l	100
79) 2-Chlorotoluene	12.91	91	483571	51.557	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	651168	52.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31613	47.633	ug/l	100
82) 4-Chlorotoluene	13.01	91	513581	51.055	ug/l	100
83) tert-Butylbenzene	13.23	119	551611	52.781	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	647452	52.746	ug/l	100
85) sec-Butylbenzene	13.41	105	751233	53.248	ug/l	100
86) p-Isopropyltoluene	13.52	119	712531	52.300	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	339175	50.139	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	337401	49.258	ug/l	100
89) n-Butylbenzene	13.85	91	633770	53.856	ug/l	100
90) Hexachloroethane	14.11	117	130503	50.866	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	293528	50.137	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17008	48.801	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	205274	51.659	ug/l	100
94) Hexachlorobutadiene	15.27	225	132731	49.910	ug/l	100
95) Naphthalene	15.41	128	333010	54.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	177830	52.261	ug/l	100

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

