

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065682.D
 Acq On : 29 Apr 2020 14:59
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 30 07:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042920S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 30 07:01:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	673296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	935177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	938424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	542984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	288735	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	7.92	113	321588	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	10.34	98	1240211	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.64	95	404949	57.06	ug/l	0.00
Spiked Amount			Recovery	=	114.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	125981	35.403	ug/l	100
3) Chloromethane	2.21	50	274382	39.869	ug/l	100
4) Vinyl Chloride	2.35	62	478207	43.210	ug/l	100
5) Bromomethane	2.77	94	415922	40.164	ug/l	100
6) Chloroethane	2.92	64	347870	42.694	ug/l	100
7) Trichlorofluoromethane	3.27	101	957125	43.509	ug/l	100
8) Diethyl Ether	3.70	74	277122	44.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	290664	27.413	ug/l	100
10) Methyl Iodide	4.29	142	279290	61.856	ug/l	100
11) Tert butyl alcohol	5.26	59	62208	281.012	ug/l	100
12) 1,1-Dichloroethene	4.05	96	263994	25.358	ug/l	100
13) Acrolein	3.92	56	157356	216.048	ug/l	100
14) Allyl chloride	4.71	41	264569	50.681	ug/l	100
15) Acrylonitrile	5.44	53	221733	253.895	ug/l	100
16) Acetone	4.16	43	187897	191.117	ug/l	100
17) Carbon Disulfide	4.39	76	790347	46.155	ug/l	100
18) Methyl Acetate	4.72	43	100007	46.204	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	535765	55.537	ug/l	100
20) Methylene Chloride	4.96	84	294304	41.195	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	318042	50.009	ug/l	100
22) Diisopropyl ether	6.37	45	632703	56.219	ug/l	100
23) Vinyl Acetate	6.31	43	1731180	337.664	ug/l	100
24) 1,1-Dichloroethane	6.26	63	468070	46.855	ug/l	100
25) 2-Butanone	7.23	43	249932	251.242	ug/l	100
26) 2,2-Dichloropropane	7.21	77	462226	47.571	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	337265	51.273	ug/l	100
28) Bromochloromethane	7.55	49	168773	45.501	ug/l	100
29) Tetrahydrofuran	7.57	42	156510	271.840	ug/l	100
30) Chloroform	7.71	83	580872	48.064	ug/l	100
31) Cyclohexane	7.98	56	398442	47.095	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	540461	48.384	ug/l	100
36) 1,1-Dichloropropene	8.11	75	426025	51.569	ug/l	100
37) Ethyl Acetate	7.30	43	120160	54.032	ug/l	100
38) Carbon Tetrachloride	8.10	117	512590	49.112	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	509204	58.154	ug/l	100
40) Benzene	8.36	78	1208471	51.740	ug/l	100
41) Methacrylonitrile	7.53	41	51287	37.127	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	340300	50.408	ug/l	100
43) Isopropyl Acetate	8.46	43	223854	53.573	ug/l	100
44) Trichloroethene	9.11	130	368507	51.065	ug/l	100
45) 1,2-Dichloropropane	9.39	63	272362	51.583	ug/l	100
46) Dibromomethane	9.48	93	175780	51.416	ug/l	100
47) Bromodichloromethane	9.67	83	456373	50.497	ug/l	100
48) Methyl methacrylate	9.46	41	100766	55.077	ug/l	100
49) 1,4-Dioxane	9.47	88	37399	1119.215	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	600354	283.499	ug/l	100
52) Toluene	10.41	92	867650	56.753	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	388704	55.568	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	462167	55.260	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	242147	50.952	ug/l	100
56) Ethyl methacrylate	10.67	69	237509	65.816	ug/l	100
57) 1,3-Dichloropropane	10.95	76	379983	53.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	542369	297.149	ug/l	100
59) 2-Hexanone	10.99	43	409756	304.702	ug/l	100
60) Dibromochloromethane	11.14	129	344300	54.430	ug/l	100
61) 1,2-Dibromoethane	11.25	107	235523	53.802	ug/l	100
64) Tetrachloroethene	10.88	164	327852	50.326	ug/l	100
65) Chlorobenzene	11.67	112	942997	50.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	365852	51.936	ug/l	100
67) Ethyl Benzene	11.75	91	1642309	56.646	ug/l	100
68) m/p-Xylenes	11.86	106	1345874	116.081	ug/l	100
69) o-Xylene	12.19	106	580720	59.484	ug/l	100
70) Styrene	12.20	104	1058546	60.873	ug/l	100
71) Bromoform	12.37	173	206450	52.483	ug/l #	100
73) Isopropylbenzene	12.48	105	1641273	58.064	ug/l	100
74) N-amyl acetate	12.30	43	210663	53.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	262692	46.607	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	198727m	32.418	ug/l	
77) Bromobenzene	12.77	156	413218	52.113	ug/l	100
78) n-propylbenzene	12.83	91	1952365	55.855	ug/l	100
79) 2-Chlorotoluene	12.91	91	1047827	52.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1409424	57.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	81437	53.116	ug/l	100
82) 4-Chlorotoluene	13.01	91	1136337	53.035	ug/l	100
83) tert-Butylbenzene	13.23	119	1188555	58.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	1417953	58.251	ug/l	100
85) sec-Butylbenzene	13.41	105	1673683	56.491	ug/l	100
86) p-Isopropyltoluene	13.53	119	1613351	59.048	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	843861	52.029	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	832528	49.450	ug/l	100
89) n-Butylbenzene	13.85	91	1394090	56.489	ug/l	100
90) Hexachloroethane	14.12	117	319384	47.131	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	727072	51.971	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	37499	44.958	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	448446	56.242	ug/l	100
94) Hexachlorobutadiene	15.28	225	295801	49.912	ug/l	100
95) Naphthalene	15.41	128	704709	62.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	387874	54.371	ug/l	100

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

