

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065684.D
 Acq On : 29 Apr 2020 15:55
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 30 07:20:54 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	799903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1080373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1073565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	618033	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	910400	127.03	ug/l	0.00
Spiked Amount			Recovery	=	254.06%	
35) Dibromofluoromethane	7.92	113	1076703	145.65	ug/l	0.00
Spiked Amount			Recovery	=	291.30%	
50) Toluene-d8	10.34	98	4472693	176.39	ug/l	0.00
Spiked Amount			Recovery	=	352.78%	
62) 4-Bromofluorobenzene	12.64	95	1427944	174.15	ug/l	0.00
Spiked Amount			Recovery	=	348.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	442525	104.674	ug/l	98
3) Chloromethane	2.21	50	792524	96.930	ug/l	95
4) Vinyl Chloride	2.35	62	1466131	111.509	ug/l	97
5) Bromomethane	2.74	94	1319786	107.275	ug/l	100
6) Chloroethane	2.91	64	1041803	107.623	ug/l	96
7) Trichlorofluoromethane	3.27	101	2935373	112.316	ug/l	96
8) Diethyl Ether	3.71	74	816021	110.938	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	924224	73.370	ug/l	99
10) Methyl Iodide	4.29	142	1095695	204.261	ug/l	99
11) Tert butyl alcohol	5.25	59	158762	603.662	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	862313	69.721	ug/l	97
13) Acrolein	3.92	56	235739	272.438	ug/l	96
14) Allyl chloride	4.71	41	900667	145.226	ug/l	97
15) Acrylonitrile	5.43	53	684474	659.703	ug/l	98
16) Acetone	4.17	43	476155	407.659	ug/l	98
17) Carbon Disulfide	4.39	76	2553866	125.536	ug/l	100
18) Methyl Acetate	4.72	43	296060	115.133	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	1738105	151.654	ug/l	97
20) Methylene Chloride	4.96	84	912310	107.487	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	1070206	141.644	ug/l	98
22) Diisopropyl ether	6.37	45	2026294	151.550	ug/l	95
23) Vinyl Acetate	6.31	43	5546476	910.601	ug/l	98
24) 1,1-Dichloroethane	6.26	63	1514508	127.610	ug/l	99
25) 2-Butanone	7.23	43	739347	625.586	ug/l	92
26) 2,2-Dichloropropane	7.21	77	1532233	132.734	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	1169726	149.683	ug/l	97
28) Bromochloromethane	7.55	49	502257	113.975	ug/l	93
29) Tetrahydrofuran	7.57	42	465042	679.879	ug/l	98
30) Chloroform	7.71	83	1839199	128.097	ug/l	100
31) Cyclohexane	7.98	56	1335568	132.876	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	1783068	134.360	ug/l	98
36) 1,1-Dichloropropene	8.11	75	1433772	150.230	ug/l	99
37) Ethyl Acetate	7.30	43	344353	134.035	ug/l	95
38) Carbon Tetrachloride	8.10	117	1707463	141.609	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1821722	180.089	ug/l	96
40) Benzene	8.36	78	4070955	150.871	ug/l	99
41) Methacrylonitrile	7.54	41	218024m	136.616	ug/l	
42) 1,2-Dichloroethane	8.43	62	1006962	129.112	ug/l	98
43) Isopropyl Acetate	8.46	43	678925	140.646	ug/l	96
44) Trichloroethene	9.11	130	1236779	148.351	ug/l	100
45) 1,2-Dichloropropane	9.39	63	852385	139.738	ug/l	94
46) Dibromomethane	9.48	93	532794	134.898	ug/l	94
47) Bromodichloromethane	9.67	83	1426475	136.624	ug/l	98
48) Methyl methacrylate	9.46	41	316366	149.682	ug/l	97
49) 1,4-Dioxane	9.47	88	113994	2952.946	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	1799232	735.447	ug/l	97
52) Toluene	10.41	92	2984678	168.989	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	1286606	159.210	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	1537475	159.127	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	762082	138.806	ug/l	96
56) Ethyl methacrylate	10.67	69	801325	192.213	ug/l	97
57) 1,3-Dichloropropane	10.95	76	1194559	145.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1708708	810.339	ug/l	99
59) 2-Hexanone	10.99	43	1225388	788.759	ug/l	98
60) Dibromochloromethane	11.14	129	1104607	151.159	ug/l	99
61) 1,2-Dibromoethane	11.25	107	757734	149.832	ug/l	100
64) Tetrachloroethene	10.88	164	1149804	154.281	ug/l	97
65) Chlorobenzene	11.67	112	3220277	150.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	1264542	156.915	ug/l	99
67) Ethyl Benzene	11.75	91	5752456	173.437	ug/l	97
68) m/p-Xylenes	11.86	106	4732169	356.770	ug/l	95
69) o-Xylene	12.18	106	2115623	189.428	ug/l	95
70) Styrene	12.20	104	3695428	185.760	ug/l	99
71) Bromoform	12.37	173	677658	150.586	ug/l #	100
73) Isopropylbenzene	12.48	105	5863047	182.233	ug/l	99
74) N-amyl acetate	12.30	43	676008	152.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	780556	121.670	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	474288m	67.974	ug/l	
77) Bromobenzene	12.77	156	1469139	162.781	ug/l	94
78) n-propylbenzene	12.83	91	6564929	165.010	ug/l	97
79) 2-Chlorotoluene	12.91	91	3580399	158.926	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	4911586	175.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	248687	142.506	ug/l	95
82) 4-Chlorotoluene	13.01	91	3812689	156.339	ug/l	99
83) tert-Butylbenzene	13.23	119	4337889	187.420	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	4947384	178.563	ug/l	99
85) sec-Butylbenzene	13.41	105	5823367	172.684	ug/l	98
86) p-Isopropyltoluene	13.53	119	5828459	187.416	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	2971013	160.935	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	2816269	146.965	ug/l	98
89) n-Butylbenzene	13.85	91	4873170	173.484	ug/l	97
90) Hexachloroethane	14.12	117	1090076	141.327	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	2432261	152.745	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	114577	120.687	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	1657663	182.651	ug/l	99
94) Hexachlorobutadiene	15.28	225	1070660	158.720	ug/l	99
95) Naphthalene	15.41	128	2539206	196.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	1400968	172.537	ug/l	100

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

