

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065676.D
 Acq On : 24 Apr 2020 14:27
 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 24 14:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 14:27:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	219899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	286422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	280472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	284518	128.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.16%	
35) Dibromofluoromethane	7.92	113	270183	137.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.72%	
50) Toluene-d8	10.34	98	1041138	150.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.52%	
62) 4-Bromofluorobenzene	12.64	95	345882	153.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	279168	140.015	ug/l	98
3) Chloromethane	2.21	50	334357	137.164	ug/l	100
4) Vinyl Chloride	2.35	62	362298	134.211	ug/l	97
5) Bromomethane	2.74	94	202046	124.860	ug/l	99
6) Chloroethane	2.91	64	212175	130.469	ug/l	98
7) Trichlorofluoromethane	3.27	101	476035	127.095	ug/l	95
8) Diethyl Ether	3.71	74	146025	133.340	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	276439	123.934	ug/l	99
10) Methyl Iodide	4.29	142	294934	183.523	ug/l	99
11) Tert butyl alcohol	5.27	59	77051	771.230	ug/l	98
12) 1,1-Dichloroethene	4.05	96	271954	123.213	ug/l	95
13) Acrolein	3.92	56	108596	680.503	ug/l	98
14) Allyl chloride	4.70	41	453259	151.511	ug/l	96
15) Acrylonitrile	5.43	53	327927	794.444	ug/l	99
16) Acetone	4.16	43	281731	552.379	ug/l	98
17) Carbon Disulfide	4.39	76	796152	134.931	ug/l	100
18) Methyl Acetate	4.72	43	155985	138.066	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	661760	175.759	ug/l	99
20) Methylene Chloride	4.96	84	268440	120.923	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	324795	154.469	ug/l	97
22) Diisopropyl ether	6.37	45	986326	159.451	ug/l	99
23) Vinyl Acetate	6.31	43	2922545	867.682	ug/l	98
24) 1,1-Dichloroethane	6.26	63	555282	139.553	ug/l	99
25) 2-Butanone	7.23	43	446300	782.769	ug/l	100
26) 2,2-Dichloropropane	7.21	77	506237	137.288	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	349808	153.661	ug/l	98
28) Bromochloromethane	7.55	49	209602	130.117	ug/l	100
29) Tetrahydrofuran	7.57	42	282111	819.096	ug/l	98
30) Chloroform	7.71	83	562500	133.439	ug/l	99
31) Cyclohexane	7.98	56	532524	140.865	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	520503	135.293	ug/l	99
36) 1,1-Dichloropropene	8.11	75	464621	151.874	ug/l	99
37) Ethyl Acetate	7.30	43	200948	165.338	ug/l	99
38) Carbon Tetrachloride	8.10	117	486847	140.575	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	571511	174.476	ug/l	98
40) Benzene	8.35	78	1298235	154.203	ug/l	100
41) Methacrylonitrile	7.53	41	110429	167.684	ug/l #	97
42) 1,2-Dichloroethane	8.43	62	379934	145.386	ug/l	98
43) Isopropyl Acetate	8.46	43	378908	170.070	ug/l	99
44) Trichloroethene	9.11	130	343936	146.298	ug/l	99
45) 1,2-Dichloropropane	9.39	63	318692	149.520	ug/l	97
46) Dibromomethane	9.48	93	165402	149.536	ug/l	98
47) Bromodichloromethane	9.67	83	439744	145.779	ug/l	100
48) Methyl methacrylate	9.46	41	185057	170.988	ug/l	97
49) 1,4-Dioxane	9.47	88	40554	3392.510	ug/l	98
51) 4-Methyl-2-Pentanone	10.24	43	974851	847.546	ug/l	98
52) Toluene	10.41	92	848731	164.107	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	434654	165.666	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	507281	160.812	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	221861	143.847	ug/l	96
56) Ethyl methacrylate	10.67	69	303496	195.956	ug/l	94
57) 1,3-Dichloropropane	10.95	76	388191	149.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	691825	878.482	ug/l	100
59) 2-Hexanone	10.99	43	681748	867.643	ug/l	97
60) Dibromochloromethane	11.14	129	305637	148.243	ug/l	98
61) 1,2-Dibromoethane	11.25	107	219206	153.148	ug/l	97
64) Tetrachloroethene	10.88	164	294878	135.875	ug/l	97
65) Chlorobenzene	11.68	112	875106	145.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	338384	145.100	ug/l	97
67) Ethyl Benzene	11.75	91	1627903	161.961	ug/l	100
68) m/p-Xylenes	11.86	106	1254033	320.499	ug/l	95
69) o-Xylene	12.18	106	564705	169.744	ug/l	94
70) Styrene	12.20	104	1007089	167.388	ug/l	99
71) Bromoform	12.37	173	182857	140.264	ug/l #	100
73) Isopropylbenzene	12.48	105	1506779	167.935	ug/l	99
74) N-amyl acetate	12.30	43	358294	176.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	236645	137.832	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	176629m	149.882	ug/l	
77) Bromobenzene	12.77	156	360692	150.242	ug/l	98
78) n-propylbenzene	12.83	91	1786930	160.383	ug/l	99
79) 2-Chlorotoluene	12.91	91	999289	156.643	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1273250	166.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	86805	160.157	ug/l	97
82) 4-Chlorotoluene	13.01	91	1060699	153.646	ug/l	98
83) tert-Butylbenzene	13.23	119	1079455	173.661	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	1293878	170.040	ug/l	100
85) sec-Butylbenzene	13.41	105	1512902	166.940	ug/l	99
86) p-Isopropyltoluene	13.53	119	1435891	168.585	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	705596	148.794	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	688288	144.859	ug/l	99
89) n-Butylbenzene	13.86	91	1311127	166.926	ug/l	97
90) Hexachloroethane	14.13	117	266512	139.671	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	601707	147.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40944	150.368	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	439676	167.687	ug/l	99
94) Hexachlorobutadiene	15.28	225	285466	144.896	ug/l	99
95) Naphthalene	15.41	128	726296	191.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	380833	162.669	ug/l	100

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

