

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065683.D
 Acq On : 29 Apr 2020 15:27
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 30 07:19:11 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	777403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1048456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1034004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	608365	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	619161	88.89	ug/l	0.00
Spiked Amount			Recovery	=	177.78%	
35) Dibromofluoromethane	7.92	113	698686	97.39	ug/l	0.00
Spiked Amount			Recovery	=	194.78%	
50) Toluene-d8	10.34	98	2806256	114.04	ug/l	0.00
Spiked Amount			Recovery	=	228.08%	
62) 4-Bromofluorobenzene	12.64	95	921016	115.75	ug/l	0.00
Spiked Amount			Recovery	=	231.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	277981	67.656	ug/l	96
3) Chloromethane	2.21	50	524615	66.020	ug/l	94
4) Vinyl Chloride	2.35	62	947200	74.126	ug/l	98
5) Bromomethane	2.75	94	835444	69.872	ug/l	98
6) Chloroethane	2.92	64	696430	74.027	ug/l	98
7) Trichlorofluoromethane	3.27	101	1908485	75.138	ug/l	96
8) Diethyl Ether	3.71	74	566186	79.201	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	1271919	103.894	ug/l	96
10) Methyl Iodide	4.28	142	685852	131.558	ug/l	98
11) Tert butyl alcohol	5.26	59	115716	452.722	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	1229168	102.259	ug/l	97
13) Acrolein	3.92	56	337698	401.564	ug/l	98
14) Allyl chloride	4.71	41	585542	97.147	ug/l	99
15) Acrylonitrile	5.43	53	491680	487.602	ug/l	99
16) Acetone	4.16	43	459084	404.419	ug/l	99
17) Carbon Disulfide	4.39	76	1647827	83.343	ug/l	99
18) Methyl Acetate	4.72	43	215263	86.135	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	1199606	107.698	ug/l	93
20) Methylene Chloride	4.96	84	618133	74.936	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	691283	94.141	ug/l	99
22) Diisopropyl ether	6.37	45	1380588	106.245	ug/l	99
23) Vinyl Acetate	6.31	43	3915920	661.509	ug/l	100
24) 1,1-Dichloroethane	6.26	63	993164	86.104	ug/l	99
25) 2-Butanone	7.22	43	558772	486.480	ug/l	95
26) 2,2-Dichloropropane	7.21	77	988678	88.126	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	744592	98.039	ug/l	99
28) Bromochloromethane	7.55	49	351934	82.174	ug/l	97
29) Tetrahydrofuran	7.57	42	349671	526.005	ug/l	99
30) Chloroform	7.71	83	1220668	87.478	ug/l	96
31) Cyclohexane	7.98	56	867378	88.793	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	1151686	89.295	ug/l	98
36) 1,1-Dichloropropene	8.11	75	939028	101.386	ug/l	99
37) Ethyl Acetate	7.30	43	259671	104.150	ug/l	98
38) Carbon Tetrachloride	8.10	117	1108712	94.751	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1168543	119.034	ug/l	95
40) Benzene	8.35	78	2635454	100.644	ug/l	97
41) Methacrylonitrile	7.53	41	135128	87.250	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	710252	93.841	ug/l	99
43) Isopropyl Acetate	8.46	43	488877	104.358	ug/l	99
44) Trichloroethene	9.11	130	784398	96.952	ug/l	97
45) 1,2-Dichloropropane	9.39	63	573216	96.832	ug/l	96
46) Dibromomethane	9.48	93	383196	99.975	ug/l	98
47) Bromodichloromethane	9.67	83	965274	95.266	ug/l	99
48) Methyl methacrylate	9.46	41	229986	112.126	ug/l	98
49) 1,4-Dioxane	9.47	88	85790	2289.991	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	1348690	568.067	ug/l	98
52) Toluene	10.41	92	1925836	112.358	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	881154	112.357	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	1021040	108.893	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	533440	100.119	ug/l	98
56) Ethyl methacrylate	10.67	69	559072	138.187	ug/l	98
57) 1,3-Dichloropropane	10.95	76	834909	104.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	1230893	601.510	ug/l	98
59) 2-Hexanone	10.99	43	919667	609.993	ug/l	98
60) Dibromochloromethane	11.14	129	760925	107.298	ug/l	99
61) 1,2-Dibromoethane	11.25	107	534225	108.852	ug/l	100
64) Tetrachloroethene	10.88	164	729898	101.685	ug/l	97
65) Chlorobenzene	11.68	112	2069518	100.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	832459	107.251	ug/l	99
67) Ethyl Benzene	11.75	91	3716353	116.335	ug/l	100
68) m/p-Xylenes	11.86	106	3087759	241.701	ug/l	96
69) o-Xylene	12.18	106	1369440	127.308	ug/l	96
70) Styrene	12.20	104	2434452	127.056	ug/l	99
71) Bromoform	12.37	173	474590	109.496	ug/l #	98
73) Isopropylbenzene	12.48	105	3767909	118.974	ug/l	99
74) N-amyl acetate	12.30	43	481787	110.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	568139	89.967	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	369238m	53.760	ug/l	
77) Bromobenzene	12.77	156	959743	108.030	ug/l	97
78) n-propylbenzene	12.83	91	4339090	110.796	ug/l	99
79) 2-Chlorotoluene	12.91	91	2387687	107.669	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	3211426	116.369	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	184831	107.598	ug/l	95
82) 4-Chlorotoluene	13.01	91	2519160	104.939	ug/l	99
83) tert-Butylbenzene	13.23	119	2784608	122.222	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	3269489	119.879	ug/l	99
85) sec-Butylbenzene	13.41	105	3831905	115.436	ug/l	99
86) p-Isopropyltoluene	13.53	119	3795763	123.994	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	1978606	108.881	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1881803	99.761	ug/l	99
89) n-Butylbenzene	13.85	91	3199900	115.726	ug/l	98
90) Hexachloroethane	14.12	117	717037	94.440	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	1634801	104.296	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	87417	93.542	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	1074433	120.268	ug/l	100
94) Hexachlorobutadiene	15.28	225	670858	101.032	ug/l	99
95) Naphthalene	15.41	128	1770788	139.544	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	945988	118.355	ug/l	98

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

