

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065675.D
 Acq On : 24 Apr 2020 13:59
 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 24 14:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	216026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	285327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	263735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	143701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	189941	84.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.42%	
35) Dibromofluoromethane	7.92	113	181156	91.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.30%	
50) Toluene-d8	10.34	98	678813	97.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.88%	
62) 4-Bromofluorobenzene	12.64	95	226784	101.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	204154	105.342	ug/l	99
3) Chloromethane	2.21	50	226747	93.445	ug/l	100
4) Vinyl Chloride	2.35	62	253709	94.646	ug/l	99
5) Bromomethane	2.76	94	137710	83.825	ug/l	96
6) Chloroethane	2.92	64	148218	91.129	ug/l	98
7) Trichlorofluoromethane	3.27	101	335370	89.170	ug/l	98
8) Diethyl Ether	3.71	74	100494	91.895	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	201627	90.214	ug/l	99
10) Methyl Iodide	4.29	142	197426	133.406	ug/l	98
11) Tert butyl alcohol	5.26	59	50590	519.464	ug/l	99
12) 1,1-Dichloroethene	4.05	96	193867	87.103	ug/l	95
13) Acrolein	3.93	56	73862	464.445	ug/l	99
14) Allyl chloride	4.70	41	302104	103.518	ug/l	97
15) Acrylonitrile	5.43	53	210967	525.580	ug/l	99
16) Acetone	4.16	43	214274	412.721	ug/l	95
17) Carbon Disulfide	4.39	76	554713	94.679	ug/l	99
18) Methyl Acetate	4.72	43	106962	95.506	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	419752	117.440	ug/l	99
20) Methylene Chloride	4.96	84	186135	82.335	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	204184	98.565	ug/l	99
22) Diisopropyl ether	6.37	45	677400	114.765	ug/l	97
23) Vinyl Acetate	6.31	43	1994682	635.493	ug/l	99
24) 1,1-Dichloroethane	6.26	63	381014	96.861	ug/l	99
25) 2-Butanone	7.23	43	305306	557.648	ug/l	99
26) 2,2-Dichloropropane	7.21	77	346188	94.520	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	234842	106.341	ug/l	99
28) Bromochloromethane	7.55	49	145417	90.064	ug/l	99
29) Tetrahydrofuran	7.57	42	195233	600.121	ug/l	98
30) Chloroform	7.71	83	390573	92.993	ug/l	100
31) Cyclohexane	7.98	56	371997	100.208	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	361906	94.750	ug/l	99
36) 1,1-Dichloropropene	8.11	75	319755	106.229	ug/l	99
37) Ethyl Acetate	7.30	43	137737	117.818	ug/l	98
38) Carbon Tetrachloride	8.10	117	341610	98.774	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	393492	127.133	ug/l	98
40) Benzene	8.36	78	887305	107.353	ug/l	100
41) Methacrylonitrile	7.53	41	72990m	119.893	ug/l	
42) 1,2-Dichloroethane	8.43	62	264457	101.990	ug/l	99
43) Isopropyl Acetate	8.46	43	257368	120.780	ug/l	98
44) Trichloroethene	9.11	130	236179	101.062	ug/l	98
45) 1,2-Dichloropropane	9.39	63	219287	104.130	ug/l	99
46) Dibromomethane	9.48	93	114292	104.701	ug/l	98
47) Bromodichloromethane	9.67	83	302798	100.959	ug/l	100
48) Methyl methacrylate	9.46	41	125063	120.832	ug/l	97
49) 1,4-Dioxane	9.47	88	28130	2474.250	ug/l	98
51) 4-Methyl-2-Pentanone	10.24	43	679401	621.844	ug/l	98
52) Toluene	10.41	92	568646	113.311	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	294755	116.496	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	345305	112.669	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	156304	102.173	ug/l	99
56) Ethyl methacrylate	10.67	69	200626	140.589	ug/l	95
57) 1,3-Dichloropropane	10.95	76	274345	108.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	432700	566.146	ug/l	99
59) 2-Hexanone	10.99	43	474884	640.880	ug/l	99
60) Dibromochloromethane	11.15	129	209904	102.765	ug/l	99
61) 1,2-Dibromoethane	11.25	107	150310	106.864	ug/l	97
64) Tetrachloroethene	10.88	164	209229	103.180	ug/l	95
65) Chlorobenzene	11.68	112	580546	103.375	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	228551	105.335	ug/l	99
67) Ethyl Benzene	11.75	91	1100713	121.459	ug/l	99
68) m/p-Xylenes	11.86	106	854620	242.047	ug/l	96
69) o-Xylene	12.18	106	380587	128.625	ug/l	95
70) Styrene	12.20	104	685149	127.851	ug/l	99
71) Bromoform	12.37	173	127586	105.151	ug/l #	99
73) Isopropylbenzene	12.48	105	1047540	124.958	ug/l	99
74) N-amyl acetate	12.30	43	240489	127.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	167423	99.259	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	122930m	96.669	ug/l	
77) Bromobenzene	12.77	156	248821	107.170	ug/l	99
78) n-propylbenzene	12.83	91	1254950	119.239	ug/l	99
79) 2-Chlorotoluene	12.91	91	687452	112.625	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	879300	122.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	62042	121.770	ug/l	92
82) 4-Chlorotoluene	13.01	91	731684	110.260	ug/l	98
83) tert-Butylbenzene	13.23	119	733410	126.702	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	883494	124.055	ug/l	100
85) sec-Butylbenzene	13.41	105	1040512	122.251	ug/l	100
86) p-Isopropyltoluene	13.53	119	988837	124.040	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	489548	106.633	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	470338	101.139	ug/l	100
89) n-Butylbenzene	13.86	91	899943	121.919	ug/l	98
90) Hexachloroethane	14.12	117	184257	98.054	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	410794	103.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28251	107.312	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	289205	116.048	ug/l	99
94) Hexachlorobutadiene	15.28	225	194598	100.864	ug/l	99
95) Naphthalene	15.41	128	482585	140.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	253288	113.200	ug/l	100

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

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