

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012363.D
 Acq On : 23 Aug 2019 14:08
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Aug 24 00:34:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 00:30:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	257681	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	245270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	128197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	269669	17.41	ug/L	0.00
7) Chloroethane-d5	1.58	69	184675	15.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	472255	18.35	ug/L	0.00
20) 2-Butanone-d5	3.95	46	775187	225.85	ug/L	0.00
24) Chloroform-d	4.40	84	618774	19.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	292061	19.83	ug/L	0.00
32) Benzene-d6	5.09	84	1276286	20.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	379592	20.69	ug/L	0.00
41) Toluene-d8	7.36	98	1183141	20.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	145715	20.82	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	575792	261.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	261873	20.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	422676	19.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	472866	19.690	ug/L 100
3) Chloromethane	1.25	50	356741	16.817	ug/L 99
5) Vinyl chloride	1.32	62	350837	16.235	ug/L 99
6) Bromomethane	1.54	94	162086	13.726	ug/L 95
8) Chloroethane	1.60	64	167923	13.839	ug/L 98
9) Trichlorofluoromethane	1.77	101	471314	17.104	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	238838	17.036	ug/L 97
12) 1,1-Dichloroethene	2.14	96	224728	17.114	ug/L 97
13) Acetone	2.21	43	320126	156.499	ug/L 95
14) Carbon disulfide	2.32	76	679874	17.609	ug/L 100
15) Methyl Acetate	2.46	43	77940	15.236	ug/L 96
16) Methylene chloride	2.53	84	219475	15.552	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	699135	19.214	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	332530	18.807	ug/L 97
19) 1,1-Dichloroethane	3.23	63	621150	19.252	ug/L 97
21) 2-Butanone	4.04	43	814392	195.347	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	362604	18.914	ug/L 98
23) Bromochloromethane	4.30	128	150439	18.481	ug/L 98
25) Chloroform	4.42	83	616237	16.920	ug/L 100
27) 1,2-Dichloroethane	5.18	62	362316	18.318	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	535849	18.598	ug/L 99
30) Cyclohexane	4.72	56	596754	20.722	ug/L 100
31) Carbon tetrachloride	4.87	117	481960	18.569	ug/L 98
33) Benzene	5.14	78	1390762	19.463	ug/L 100
34) Trichloroethene	5.96	95	362201	18.692	ug/L 99
35) Methylcyclohexane	6.17	83	615923	20.664	ug/L 98
37) 1,2-Dichloropropane	6.22	63	345357	19.318	ug/L 98
38) Bromodichloromethane	6.55	83	429559	18.749	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	514264	21.294	ug/L 97
40) 4-Methyl-2-pentanone	7.27	43	2001990	205.662	ug/L 99

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42) Toluene	7.43	91	1482588	19.653	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	392599	20.394	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	223553	18.902	ug/L	99
47) Tetrachloroethene	8.02	164	302097	19.069	ug/L	98
48) 2-Hexanone	8.18	43	1415759	206.294	ug/L	98
49) Dibromochloromethane	8.29	129	283392	19.358	ug/L	99
50) 1,2-Dibromoethane	8.40	107	212681	18.670	ug/L	98
51) Chlorobenzene	8.92	112	925910	18.981	ug/L	99
52) Ethylbenzene	9.05	91	1645070	20.451	ug/L	100
53) m,p-xylene	9.18	106	628169	20.467	ug/L	99
54) o-xylene	9.59	106	606566	20.844	ug/L	99
55) Styrene	9.60	104	1034341	21.273	ug/L	99
56) Isopropylbenzene	9.97	105	1622003	20.765	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	256503	18.930	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	188151	18.789	ug/L	100
61) Bromoform	9.77	173	158080	19.990	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	750824	18.432	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	744903	18.342	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	685958	18.339	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	40564	17.128	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	601118	19.460	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	486199	21.368	ug/L	98
69) Naphthalene	13.55	128	744969	23.167	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	444662	20.790	ug/L	98

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

