

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
 Data File : VV013450.D
 Acq On : 31 Oct 2019 16:21
 Operator : SY/MD
 Sample : VSTD0.533
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.533

Quant Time: Nov 01 04:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	363096	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	371790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223589	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14119	0.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	12561	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	26578	0.49	ug/L	0.00
20) 2-Butanone-d5	3.96	46	37917	4.91	ug/L	0.01
24) Chloroform-d	4.40	84	34602	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	18632	0.56	ug/L	0.00
32) Benzene-d6	5.10	84	62606	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	20094	0.51	ug/L	0.00
41) Toluene-d8	7.36	98	58399	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8393	0.57	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21327	4.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	16019	0.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	26718	0.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	23475	0.489 ug/L	95
3) Chloromethane	1.25	50	19110	0.473 ug/L	100
5) Vinyl chloride	1.32	62	20887	0.531 ug/L #	81
6) Bromomethane	1.53	94	9395	0.458 ug/L	99
8) Chloroethane	1.60	64	11182	0.502 ug/L	98
9) Trichlorofluoromethane	1.77	101	26466	0.512 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16119	0.561 ug/L	96
12) 1,1-Dichloroethene	2.14	96	14559	0.528 ug/L	92
13) Acetone	2.21	43	19820	5.019 ug/L	94
14) Carbon disulfide	2.32	76	45363	0.546 ug/L	97
15) Methyl Acetate	2.47	43	7448	0.516 ug/L #	88
16) Methylene chloride	2.53	84	25100	0.628 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	39302	0.528 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	18467	0.507 ug/L	93
19) 1,1-Dichloroethane	3.23	63	31672	0.474 ug/L	100
21) 2-Butanone	4.05	43	34036	3.965 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	19189	0.521 ug/L #	98
23) Bromochloromethane	4.30	128	8630	0.518 ug/L	90
25) Chloroform	4.43	83	42633	0.600 ug/L	100
27) 1,2-Dichloroethane	5.19	62	20587	0.525 ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	28364	0.521 ug/L	96
30) Cyclohexane	4.72	56	27649	0.481 ug/L	95
31) Carbon tetrachloride	4.87	117	24502	0.496 ug/L	98
33) Benzene	5.15	78	66208	0.483 ug/L	100
34) Trichloroethene	5.96	95	19366	0.512 ug/L	98
35) Methylcyclohexane	6.17	83	27738	0.493 ug/L	94
37) 1,2-Dichloropropane	6.22	63	16841	0.486 ug/L #	97
38) Bromodichloromethane	6.56	83	23046	0.527 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	21784	0.462 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	98515	4.962 ug/L	96

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42) Toluene	7.43	91	68239	0.479	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	17021	0.454	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	12939	0.556	ug/L	93
47) Tetrachloroethene	8.02	164	17179	0.539	ug/L	99
48) 2-Hexanone	8.19	43	64714	4.530	ug/L	95
49) Dibromochloromethane	8.29	129	14911	0.515	ug/L	94
50) 1,2-Dibromoethane	8.40	107	11799	0.550	ug/L	98
51) Chlorobenzene	8.92	112	47098	0.510	ug/L	96
52) Ethylbenzene	9.05	91	67828	0.447	ug/L	100
53) m,p-xylene	9.18	106	26741	0.475	ug/L	93
54) o-xylene	9.59	106	24251	0.443	ug/L	100
55) Styrene	9.60	104	41088	0.448	ug/L	99
56) Isopropylbenzene	9.97	105	62351	0.425	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	14607	0.579	ug/L #	89
59) 1,2,3-Trichloropropane	10.31	75	11704	0.569	ug/L	98
61) Bromoform	9.77	173	8140	0.491	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	39470	0.531	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	41211	0.551	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	35320	0.510	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	2156	0.598	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	34153	0.574	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	28930	0.625	ug/L	100
69) Naphthalene	13.55	128	35895	0.554	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.79	180	25384	0.599	ug/L	94

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

