

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011637.D
 Acq On : 20 Jun 2019 12:04
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Jun 21 01:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 01:26:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121983	9.32	ug/L	0.00
7) Chloroethane-d5	1.57	69	78894	9.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	245786	9.72	ug/L	0.00
20) 2-Butanone-d5	3.95	46	341890	93.48	ug/L	-0.01
24) Chloroform-d	4.40	84	223192	9.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	136208	9.73	ug/L	0.00
32) Benzene-d6	5.09	84	486313	9.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	150531	9.76	ug/L	0.00
41) Toluene-d8	7.36	98	453127	10.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	55600	10.69	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	269489	93.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107840	9.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	154065	9.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	185900	11.408	ug/L 98
3) Chloromethane	1.25	50	162049	9.511	ug/L 100
5) Vinyl chloride	1.32	62	166498	9.926	ug/L 97
6) Bromomethane	1.53	94	66129	9.357	ug/L 99
8) Chloroethane	1.59	64	76460	9.158	ug/L 98
9) Trichlorofluoromethane	1.76	101	217828	11.524	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	119265	10.982	ug/L 98
12) 1,1-Dichloroethene	2.13	96	111086	10.058	ug/L 97
13) Acetone	2.21	43	220516	88.759	ug/L 99
14) Carbon disulfide	2.31	76	304688	10.322	ug/L 99
15) Methyl Acetate	2.46	43	55114	8.506	ug/L 100
16) Methylene chloride	2.53	84	115384	9.325	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	313994	9.705	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	132046	10.601	ug/L 97
19) 1,1-Dichloroethane	3.22	63	263835	10.321	ug/L 98
21) 2-Butanone	4.03	43	387798	98.484	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	144634	10.281	ug/L 98
23) Bromochloromethane	4.30	128	53975	9.783	ug/L 98
25) Chloroform	4.42	83	297749	11.326	ug/L 95
27) 1,2-Dichloroethane	5.18	62	176436	9.796	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	224585	10.918	ug/L 99
30) Cyclohexane	4.72	56	250389	11.446	ug/L 99
31) Carbon tetrachloride	4.87	117	193851	11.569	ug/L 98
33) Benzene	5.14	78	568539	10.544	ug/L 100
34) Trichloroethene	5.96	95	147800	10.711	ug/L 99
35) Methylcyclohexane	6.17	83	251135	12.419	ug/L 95
37) 1,2-Dichloropropane	6.22	63	141188	9.898	ug/L 99
38) Bromodichloromethane	6.55	83	170706	10.607	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	204211	11.308	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	957579	96.126	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	608745	10.838	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	159365	11.550	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	91321	9.693	ug/L	94
47) Tetrachloroethene	8.02	164	111259	11.086	ug/L	97
48) 2-Hexanone	8.19	43	676224	96.441	ug/L	99
49) Dibromochloromethane	8.29	129	101681	10.727	ug/L	97
50) 1,2-Dibromoethane	8.40	107	86041	10.060	ug/L	96
51) Chlorobenzene	8.92	112	369476	10.710	ug/L	99
52) Ethylbenzene	9.05	91	684487	11.496	ug/L	99
53) m,p-xylene	9.18	106	253710	11.629	ug/L	98
54) o-xylene	9.59	106	247102	11.368	ug/L	99
55) Styrene	9.60	104	414342	11.555	ug/L	99
56) Isopropylbenzene	9.97	105	666902	11.912	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	111536	9.705	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	83831	9.476	ug/L	99
61) Bromoform	9.77	173	48177	9.751	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	275786	10.610	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	275038	10.438	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	264383	10.221	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15006	8.395	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	209080	11.024	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	165481	10.968	ug/L	100
69) Naphthalene	13.55	128	281930	9.816	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	152358	10.468	ug/L	98

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

