

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081319\
 Data File : VV012217.D
 Acq On : 13 Aug 2019 15:55
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01032

Quant Time: Aug 14 02:05:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 14 02:01:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	229714	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	222598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	113641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132624	12.83	ug/L	0.00
7) Chloroethane-d5	1.58	69	103206	13.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	218950	10.90	ug/L	0.00
20) 2-Butanone-d5	3.96	46	314647	120.67	ug/L	0.00
24) Chloroform-d	4.40	84	274060	9.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	126556	8.86	ug/L	0.00
32) Benzene-d6	5.09	84	553502	10.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	159493	10.82	ug/L	0.00
41) Toluene-d8	7.36	98	519695	9.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	62791	8.67	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	233845	100.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115294	9.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	182909	8.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	219481	10.025 ug/L	98
3) Chloromethane	1.25	50	196454	16.708 ug/L	99
5) Vinyl chloride	1.32	62	200564	15.272 ug/L	99
6) Bromomethane	1.54	94	114891	15.287 ug/L	100
8) Chloroethane	1.60	64	115724	15.678 ug/L	98
9) Trichlorofluoromethane	1.77	101	250508	11.026 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	125866	12.036 ug/L	99
12) 1,1-Dichloroethene	2.14	96	117451	12.212 ug/L	94
13) Acetone	2.23	43	176667	112.532 ug/L	99
14) Carbon disulfide	2.32	76	332866	12.298 ug/L	99
15) Methyl Acetate	2.47	43	39827	11.302 ug/L	99
16) Methylene chloride	2.53	84	109380	10.601 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	316722	9.853 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	150017	10.653 ug/L	98
19) 1,1-Dichloroethane	3.23	63	280631	11.781 ug/L	99
21) 2-Butanone	4.05	43	412185	144.105 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	178577	11.420 ug/L	97
23) Bromochloromethane	4.30	128	76248	10.436 ug/L	97
25) Chloroform	4.42	83	314364	10.657 ug/L	98
27) 1,2-Dichloroethane	5.18	62	185121	10.604 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	274356	9.920 ug/L	99
30) Cyclohexane	4.72	56	281215	13.187 ug/L	99
31) Carbon tetrachloride	4.87	117	247331	9.350 ug/L	99
33) Benzene	5.15	78	690158	12.036 ug/L	100
34) Trichloroethene	5.96	95	175653	10.575 ug/L	96
35) Methylcyclohexane	6.17	83	299320	11.452 ug/L	99
37) 1,2-Dichloropropane	6.22	63	168100	12.970 ug/L	100
38) Bromodichloromethane	6.55	83	216057	10.484 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	247724	11.207 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	993943	135.640 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	747586	11.364	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	192141	11.091	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	113904	10.917	ug/L	98
47) Tetrachloroethene	8.02	164	151348	9.746	ug/L	97
48) 2-Hexanone	8.19	43	714484	138.569	ug/L	98
49) Dibromochloromethane	8.29	129	144316	9.654	ug/L	95
50) 1,2-Dibromoethane	8.40	107	109249	10.640	ug/L	98
51) Chlorobenzene	8.92	112	461043	10.475	ug/L	99
52) Ethylbenzene	9.05	91	813211	11.084	ug/L	99
53) m,p-xylene	9.18	106	317484	11.067	ug/L	98
54) o-xylene	9.59	106	301117	10.899	ug/L	98
55) Styrene	9.60	104	519462	11.258	ug/L	100
56) Isopropylbenzene	9.97	105	809119	10.666	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	134399	11.587	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	98150	11.058	ug/L	100
61) Bromoform	9.78	173	73708	8.583	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	376514	10.466	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	370626	10.309	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	348226	10.473	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	20987	10.003	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	288856	9.658	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	230235	9.462	ug/L	98
69) Naphthalene	13.55	128	367962	9.481	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	214237	9.205	ug/L	99

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

