

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032424.D
 Acq On : 04 Jun 2019 13:39
 Operator : JC/SP
 Sample : VSTD01012
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01012

Quant Time: Jun 04 22:36:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:32:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	107273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53170	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69349	8.19	ug/L	0.00
7) Chloroethane-d5	1.68	69	58607	8.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	139101	8.00	ug/L	0.00
20) 2-Butanone-d5	4.20	46	202578	100.27	ug/L	0.00
24) Chloroform-d	4.64	84	126466	9.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	65796	10.11	ug/L	0.00
32) Benzene-d6	5.33	84	249816	9.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	76101	8.96	ug/L	0.00
41) Toluene-d8	7.56	98	232589	9.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	34147	9.75	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	169128	99.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65202	9.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	92695	9.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	87124	9.799	ug/L 98
3) Chloromethane	1.32	50	88568	8.345	ug/L 98
5) Vinyl chloride	1.40	62	90337	8.515	ug/L 100
6) Bromomethane	1.63	94	53327	8.219	ug/L 99
8) Chloroethane	1.69	64	57695	8.700	ug/L 97
9) Trichlorofluoromethane	1.88	101	131127	9.215	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	67740	8.336	ug/L 99
12) 1,1-Dichloroethene	2.28	96	64852	8.178	ug/L 93
13) Acetone	2.34	43	141682	86.983	ug/L 99
14) Carbon disulfide	2.47	76	206749	7.602	ug/L 100
15) Methyl Acetate	2.62	43	36387	7.780	ug/L 98
16) Methylene chloride	2.69	84	69374	6.992	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	190908	8.626	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	67981	7.908	ug/L 95
19) 1,1-Dichloroethane	3.43	63	125980	9.429	ug/L 98
21) 2-Butanone	4.28	43	216872	99.458	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	78533	9.999	ug/L 96
23) Bromochloromethane	4.54	128	35086	10.005	ug/L 97
25) Chloroform	4.67	83	130603	10.031	ug/L 96
27) 1,2-Dichloroethane	5.40	62	84854	10.141	ug/L 100
29) 1,1,1-Trichloroethane	4.90	97	119055	10.391	ug/L 98
30) Cyclohexane	4.98	56	123462	9.349	ug/L 99
31) Carbon tetrachloride	5.13	117	107746	10.670	ug/L 100
33) Benzene	5.38	78	284528	9.484	ug/L 100
34) Trichloroethene	6.18	95	78115	9.366	ug/L 98
35) Methylcyclohexane	6.41	83	129276	10.279	ug/L 98
37) 1,2-Dichloropropane	6.43	63	73578	9.336	ug/L 98
38) Bromodichloromethane	6.75	83	96032	10.088	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	118532	10.428	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	531220	101.163	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	314751	9.680	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	93959	10.616	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	53577	9.733	ug/L	97
47) Tetrachloroethene	8.22	164	65576	10.290	ug/L	94
48) 2-Hexanone	8.36	43	380054	103.839	ug/L	99
49) Dibromochloromethane	8.47	129	70018	10.519	ug/L	99
50) 1,2-Dibromoethane	8.58	107	54320	10.178	ug/L	98
51) Chlorobenzene	9.11	112	201843	10.025	ug/L	99
52) Ethylbenzene	9.24	91	352074	10.134	ug/L	99
53) m,p-Xylene	9.37	106	134843	10.258	ug/L	99
54) o-Xylene	9.77	106	132964	10.383	ug/L	100
55) Styrene	9.79	104	224126	10.476	ug/L	100
56) Isopropylbenzene	10.16	105	354415	10.560	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	68208	9.801	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	48386	9.865	ug/L	98
61) Bromoform	9.95	173	41345	9.815	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	165044	10.075	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	167798	10.118	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	159537	10.048	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	11826	9.999	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	134963	10.155	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	118265	10.795	ug/L	98
69) Naphthalene	13.74	128	216335	6.697	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	108374	10.234	ug/L	97

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

