

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031268.D
 Acq On : 17 Apr 2019 19:50
 Operator : JC/SP
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Apr 18 08:01:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 07:57:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	330923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	265171	10.46	ug/L	0.00
7) Chloroethane-d5	1.68	69	225767	11.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	563982	10.82	ug/L	0.00
20) 2-Butanone-d5	4.21	46	661878	103.42	ug/L	0.00
24) Chloroform-d	4.64	84	397787	9.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	202203	9.11	ug/L	0.00
32) Benzene-d6	5.33	84	838222	10.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	270565	10.02	ug/L	0.00
41) Toluene-d8	7.56	98	785935	10.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	113886	11.14	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	568191	126.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	217511	11.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	283492	11.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	272378	7.832	ug/L 99
3) Chloromethane	1.32	50	337742	8.176	ug/L 100
5) Vinyl chloride	1.40	62	333218	8.743	ug/L 100
6) Bromomethane	1.63	94	204267	10.460	ug/L 98
8) Chloroethane	1.70	64	211527	9.564	ug/L 100
9) Trichlorofluoromethane	1.88	101	449989	10.117	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	257279	10.341	ug/L 99
12) 1,1-Dichloroethene	2.28	96	260039	10.756	ug/L 96
13) Acetone	2.35	43	515286	103.065	ug/L 99
14) Carbon disulfide	2.47	76	872747	10.349	ug/L 99
15) Methyl Acetate	2.62	43	145975	11.382	ug/L 99
16) Methylene chloride	2.70	84	288528	10.196	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	722486	11.131	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	278821	10.798	ug/L 99
19) 1,1-Dichloroethane	3.44	63	412506	8.085	ug/L 98
21) 2-Butanone	4.29	43	697393	92.015	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	248423	9.414	ug/L 93
23) Bromochloromethane	4.54	128	108224	10.221	ug/L 90
25) Chloroform	4.67	83	408861	8.693	ug/L 100
27) 1,2-Dichloroethane	5.40	62	257149	8.437	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	338210	8.866	ug/L 97
30) Cyclohexane	4.99	56	403193	8.742	ug/L 99
31) Carbon tetrachloride	5.13	117	295828	9.188	ug/L 99
33) Benzene	5.38	78	938321	9.221	ug/L 100
34) Trichloroethene	6.18	95	251551	9.780	ug/L 96
35) Methylcyclohexane	6.41	83	382703	9.449	ug/L 98
37) 1,2-Dichloropropane	6.43	63	252265	9.062	ug/L 98
38) Bromodichloromethane	6.75	83	301020	9.238	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	372616	10.031	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	1704329	97.908	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	1031050	10.020	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	290024	9.979	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	176595	10.338	ug/L	97
47) Tetrachloroethene	8.22	164	193078	10.499	ug/L	95
48) 2-Hexanone	8.36	43	1196578	99.511	ug/L	98
49) Dibromochloromethane	8.47	129	209791	10.387	ug/L	97
50) 1,2-Dibromoethane	8.58	107	171113	10.758	ug/L	96
51) Chlorobenzene	9.12	112	628121	9.846	ug/L	99
52) Ethylbenzene	9.24	91	1107591	10.115	ug/L	99
53) m,p-Xylene	9.37	106	414004	10.704	ug/L	99
54) o-Xylene	9.77	106	408678	10.752	ug/L	100
55) Styrene	9.79	104	693607	10.909	ug/L	96
56) Isopropylbenzene	10.16	105	1064887	10.530	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	223629	10.020	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	155102	9.831	ug/L	96
61) Bromoform	9.95	173	123154	10.989	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	473960	10.129	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	479603	9.832	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	460121	10.096	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	35456	10.151	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	381297	10.904	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	324579	11.871	ug/L	100
69) Naphthalene	13.74	128	655434	13.835	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	309002	11.983	ug/L	97

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

