

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\
 Data File : VU032219.D
 Acq On : 22 May 2019 13:46
 Operator : JC/SP
 Sample : VSTD01010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01010

Quant Time: May 23 01:08:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	396433	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221667	7.12	ug/L	0.00
7) Chloroethane-d5	1.68	69	203266	7.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	416706	8.21	ug/L	0.00
20) 2-Butanone-d5	4.20	46	658082	101.78	ug/L	0.00
24) Chloroform-d	4.64	84	579531	9.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	302178	9.89	ug/L	0.00
32) Benzene-d6	5.33	84	1166383	9.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	375328	10.45	ug/L	0.00
41) Toluene-d8	7.56	98	1182588	10.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	153969	11.60	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	623810	108.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	376655	12.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	531089	12.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	169648	8.818	ug/L 99
3) Chloromethane	1.32	50	157275	8.415	ug/L 98
5) Vinyl chloride	1.40	62	172714	8.801	ug/L 98
6) Bromomethane	1.63	94	104220	9.120	ug/L 94
8) Chloroethane	1.70	64	101637	8.347	ug/L 98
9) Trichlorofluoromethane	1.88	101	227072	9.378	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	141178	8.869	ug/L 98
12) 1,1-Dichloroethene	2.28	96	141525	9.076	ug/L 84
13) Acetone	2.34	43	184891	87.232	ug/L 95
14) Carbon disulfide	2.47	76	428528	8.617	ug/L 99
15) Methyl Acetate	2.62	43	48447	8.029	ug/L 93
16) Methylene chloride	2.69	84	150038	8.057	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	319006	8.718	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	152256	9.168	ug/L 94
19) 1,1-Dichloroethane	3.44	63	241557	9.115	ug/L 96
21) 2-Butanone	4.29	43	306897	100.498	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	151330	9.206	ug/L 99
23) Bromochloromethane	4.54	128	67107	9.366	ug/L 99
25) Chloroform	4.67	83	256903	9.046	ug/L 97
27) 1,2-Dichloroethane	5.40	62	148926	9.119	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	207301	8.977	ug/L 98
30) Cyclohexane	4.99	56	202264	9.538	ug/L 99
31) Carbon tetrachloride	5.13	117	179533	9.133	ug/L 99
33) Benzene	5.38	78	562841	9.326	ug/L 100
34) Trichloroethene	6.18	95	146419	8.977	ug/L 95
35) Methylcyclohexane	6.41	83	225101	9.520	ug/L 99
37) 1,2-Dichloropropane	6.43	63	132670	9.009	ug/L 100
38) Bromodichloromethane	6.75	83	169703	8.993	ug/L 96
39) cis-1,3-Dichloropropene	7.27	75	191063	9.334	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	714772	103.292	ug/L 99

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42) Toluene	7.63	91	618880	9.726	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	156138	9.811	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	101623	9.324	ug/L	98
47) Tetrachloroethene	8.22	164	120669	9.754	ug/L	97
48) 2-Hexanone	8.36	43	547100	102.451	ug/L	97
49) Dibromochloromethane	8.47	129	117390	9.256	ug/L	96
50) 1,2-Dibromoethane	8.58	107	97352	9.327	ug/L #	96
51) Chlorobenzene	9.12	112	378150	9.390	ug/L	99
52) Ethylbenzene	9.24	91	620616	9.758	ug/L	98
53) m,p-Xylene	9.37	106	244441	10.091	ug/L	98
54) o-Xylene	9.77	106	237852	10.225	ug/L	99
55) Styrene	9.79	104	417609	10.607	ug/L	97
56) Isopropylbenzene	10.16	105	606593	10.223	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	124566	9.209	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	85781	9.163	ug/L	95
61) Bromoform	9.95	173	66646	9.165	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	290167	9.601	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	296755	9.344	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	297974	9.646	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	18987	9.589	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	231502	10.180	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	170147	10.813	ug/L	96
69) Naphthalene	13.74	128	249651	10.458	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	171046	10.718	ug/L	99

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

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