

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031301.D
 Acq On : 18 Apr 2019 12:11
 Operator : JC/SP
 Sample : VSTD02007
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02007

Quant Time: Apr 19 04:04:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 03:57:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	499275	22.27	ug/L	0.00
7) Chloroethane-d5	1.68	69	392338	21.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	967827	22.01	ug/L	0.00
20) 2-Butanone-d5	4.21	46	1001977	233.45	ug/L	0.00
24) Chloroform-d	4.64	84	620998	22.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	327933	21.66	ug/L	0.00
32) Benzene-d6	5.33	84	1217812	22.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	381972	22.80	ug/L	0.00
41) Toluene-d8	7.56	98	1120164	23.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	165194	24.62	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	793956	255.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320338	22.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	407883	21.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	494059	21.598	ug/L 96
3) Chloromethane	1.32	50	603571	19.498	ug/L 100
5) Vinyl chloride	1.40	62	664546	21.072	ug/L 99
6) Bromomethane	1.63	94	371493	21.256	ug/L 99
8) Chloroethane	1.70	64	374575	20.826	ug/L 98
9) Trichlorofluoromethane	1.88	101	812536	20.485	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	448555	20.930	ug/L 98
12) 1,1-Dichloroethene	2.28	96	434253	20.345	ug/L 98
13) Acetone	2.35	43	946860	198.567	ug/L 99
14) Carbon disulfide	2.47	76	1487183	20.868	ug/L 99
15) Methyl Acetate	2.62	43	255061	19.569	ug/L 99
16) Methylene chloride	2.70	84	475419	18.343	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	1209126	21.144	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	459608	20.412	ug/L 97
19) 1,1-Dichloroethane	3.44	63	622302	19.805	ug/L 99
21) 2-Butanone	4.29	43	1049383	213.027	ug/L 95
22) cis-1,2-Dichloroethene	4.22	96	365668	21.004	ug/L 86
23) Bromochloromethane	4.54	128	163210	21.036	ug/L 96
25) Chloroform	4.67	83	628968	20.318	ug/L 98
27) 1,2-Dichloroethane	5.40	62	417820	20.933	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	550940	21.320	ug/L 99
30) Cyclohexane	4.99	56	589878	22.407	ug/L 97
31) Carbon tetrachloride	5.13	117	488251	21.156	ug/L 97
33) Benzene	5.38	78	1368698	21.071	ug/L 100
34) Trichloroethene	6.18	95	356073	20.280	ug/L 98
35) Methylcyclohexane	6.41	83	551160	22.793	ug/L 96
37) 1,2-Dichloropropane	6.43	63	355059	20.735	ug/L 99
38) Bromodichloromethane	6.75	83	458208	21.446	ug/L 93
39) cis-1,3-Dichloropropene	7.26	75	538003	23.757	ug/L 95
40) 4-Methyl-2-pentanone	7.46	43	2415920	219.711	ug/L 98

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42) Toluene	7.63	91	1474791	22.518	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	435540	23.046	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	255486	20.941	ug/L	95
47) Tetrachloroethene	8.22	164	278643	21.298	ug/L	95
48) 2-Hexanone	8.37	43	1763538	225.978	ug/L	99
49) Dibromochloromethane	8.47	129	312574	21.412	ug/L	98
50) 1,2-Dibromoethane	8.58	107	253093	21.901	ug/L	97
51) Chlorobenzene	9.12	112	889629	21.695	ug/L	99
52) Ethylbenzene	9.25	91	1584284	23.418	ug/L	98
53) m,p-Xylene	9.37	106	598438	24.622	ug/L	98
54) o-Xylene	9.77	106	572002	23.881	ug/L	99
55) Styrene	9.79	104	1008628	25.353	ug/L	97
56) Isopropylbenzene	10.16	105	1532048	24.364	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	328897	21.088	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	230911	20.663	ug/L	96
61) Bromoform	9.95	173	183791	19.569	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	673993	20.978	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	684764	21.152	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	670598	20.505	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	52852	19.856	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	552979	20.953	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	466338	24.503	ug/L	99
69) Naphthalene	13.74	128	893812	26.904	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	449435	22.798	ug/L	98

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

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