

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031269.D
 Acq On : 17 Apr 2019 20:15
 Operator : JC/SP
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Apr 18 08:02:27 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	309497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	533413	22.49	ug/L	0.00
7) Chloroethane-d5	1.68	69	476604	24.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1125136	23.08	ug/L	0.00
20) 2-Butanone-d5	4.21	46	1316663	219.97	ug/L	0.00
24) Chloroform-d	4.64	84	780878	19.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	391865	18.88	ug/L	0.00
32) Benzene-d6	5.33	84	1631007	21.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	514526	20.53	ug/L	0.00
41) Toluene-d8	7.56	98	1473064	21.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	217325	22.90	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	1105522	264.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	414056	22.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	544779	22.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	565834	17.397	ug/L 100
3) Chloromethane	1.32	50	642163	16.621	ug/L 98
5) Vinyl chloride	1.40	62	655752	18.397	ug/L 100
6) Bromomethane	1.63	94	418908	22.935	ug/L 100
8) Chloroethane	1.70	64	429612	20.770	ug/L 98
9) Trichlorofluoromethane	1.88	101	910782	21.894	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	528739	22.724	ug/L 98
12) 1,1-Dichloroethene	2.28	96	516301	22.833	ug/L 96
13) Acetone	2.35	43	1000758	214.024	ug/L 100
14) Carbon disulfide	2.47	76	1764389	22.371	ug/L 100
15) Methyl Acetate	2.62	43	300707	25.070	ug/L 99
16) Methylene chloride	2.70	84	587519	22.198	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	1454624	23.962	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	562946	23.312	ug/L 99
19) 1,1-Dichloroethane	3.44	63	817368	17.129	ug/L 99
21) 2-Butanone	4.29	43	1385810	195.503	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	482677	19.556	ug/L 97
23) Bromochloromethane	4.54	128	213286	21.538	ug/L 93
25) Chloroform	4.67	83	787294	17.898	ug/L 99
27) 1,2-Dichloroethane	5.40	62	492942	17.292	ug/L 98
29) 1,1,1-Trichloroethane	4.91	97	668531	18.879	ug/L 98
30) Cyclohexane	4.99	56	803123	18.758	ug/L 99
31) Carbon tetrachloride	5.13	117	593706	19.863	ug/L 100
33) Benzene	5.38	78	1796140	19.014	ug/L 100
34) Trichloroethene	6.18	95	469853	19.679	ug/L 95
35) Methylcyclohexane	6.41	83	746410	19.851	ug/L 98
37) 1,2-Dichloropropane	6.43	63	465661	18.019	ug/L 98
38) Bromodichloromethane	6.75	83	568099	18.781	ug/L 97
39) cis-1,3-Dichloropropene	7.27	75	713689	20.697	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	3200646	198.067	ug/L 100

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42) Toluene	7.63	91	1911566	20.011	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	555372	20.585	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	325460	20.524	ug/L	96
47) Tetrachloroethene	8.22	164	366626	21.476	ug/L	99
48) 2-Hexanone	8.37	43	2250711	201.632	ug/L	98
49) Dibromochloromethane	8.47	129	389384	20.767	ug/L	98
50) 1,2-Dibromoethane	8.58	107	321263	21.758	ug/L	98
51) Chlorobenzene	9.12	112	1158826	19.569	ug/L	98
52) Ethylbenzene	9.24	91	2070020	20.363	ug/L	99
53) m,p-Xylene	9.37	106	779623	21.714	ug/L	100
54) o-Xylene	9.77	106	766666	21.729	ug/L	98
55) Styrene	9.79	104	1319287	22.352	ug/L	96
56) Isopropylbenzene	10.16	105	2027193	21.594	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	416021	20.080	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	286064	19.533	ug/L	98
61) Bromoform	9.95	173	234810	21.681	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	906212	20.040	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	910673	19.318	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	867003	19.686	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	68199	20.205	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	737988	21.840	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	632676	23.945	ug/L	98
69) Naphthalene	13.74	128	1257225	27.461	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	597405	23.973	ug/L	99

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

