

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033129.D
 Acq On : 02 Jul 2019 09:41
 Operator : JC/SP
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Jul 03 01:28:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:24:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97532	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28655	4.50	ug/L	0.00
7) Chloroethane-d5	1.68	69	25479	4.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	66660	4.80	ug/L	0.00
20) 2-Butanone-d5	4.19	46	104660	53.11	ug/L	0.00
24) Chloroform-d	4.64	84	66586	4.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	37433	4.90	ug/L	0.00
32) Benzene-d6	5.33	84	119949	4.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	39463	5.00	ug/L	0.00
41) Toluene-d8	7.56	98	115151	4.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	16903	5.13	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	71213	52.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33811	4.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	47234	4.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	49332	4.942	ug/L 100
3) Chloromethane	1.32	50	47089	4.951	ug/L 100
5) Vinyl chloride	1.40	62	46489	4.872	ug/L 100
6) Bromomethane	1.63	94	27739	5.386	ug/L 100
8) Chloroethane	1.69	64	28167	5.059	ug/L 100
9) Trichlorofluoromethane	1.88	101	68193	5.052	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34882	4.998	ug/L 100
12) 1,1-Dichloroethene	2.28	96	31800	4.912	ug/L 100
13) Acetone	2.33	43	79126	47.881	ug/L 100
14) Carbon disulfide	2.47	76	103551	4.820	ug/L 100
15) Methyl Acetate	2.62	43	19058	4.961	ug/L 100
16) Methylene chloride	2.69	84	36570	4.899	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	90028	4.963	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	34355	4.842	ug/L 100
19) 1,1-Dichloroethane	3.43	63	69387	4.968	ug/L 100
21) 2-Butanone	4.28	43	119747	51.112	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	39341	5.065	ug/L 100
23) Bromochloromethane	4.54	128	18183	5.301	ug/L 100
25) Chloroform	4.67	83	73694	5.148	ug/L 100
27) 1,2-Dichloroethane	5.40	62	49692	5.080	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	63452	5.046	ug/L 100
30) Cyclohexane	4.98	56	57545	4.967	ug/L 100
31) Carbon tetrachloride	5.12	117	55757	4.914	ug/L 100
33) Benzene	5.38	78	146599	5.045	ug/L 100
34) Trichloroethene	6.18	95	39948	5.020	ug/L 100
35) Methylcyclohexane	6.41	83	59252	4.973	ug/L 100
37) 1,2-Dichloropropane	6.43	63	40353	5.160	ug/L 100
38) Bromodichloromethane	6.75	83	51701	5.029	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	56793	4.972	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	282651	52.311	ug/L 100

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42) Toluene	7.63	91	159711	5.137	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	47231	5.115	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	28317	5.141	ug/L	100
47) Tetrachloroethene	8.22	164	33033	5.151	ug/L	100
48) 2-Hexanone	8.36	43	203831	52.837	ug/L	100
49) Dibromochloromethane	8.47	129	34419	4.985	ug/L	100
50) 1,2-Dibromoethane	8.58	107	27587	5.157	ug/L	100
51) Chlorobenzene	9.11	112	101981	4.959	ug/L	100
52) Ethylbenzene	9.24	91	169974	4.974	ug/L	100
53) m,p-Xylene	9.37	106	63391	5.110	ug/L	100
54) o-Xylene	9.77	106	61333	5.085	ug/L	100
55) Styrene	9.79	104	104795	5.136	ug/L	100
56) Isopropylbenzene	10.16	105	166918	5.070	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	35008	4.965	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	26538	5.089	ug/L	100
61) Bromoform	9.95	173	19777	4.921	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	82570	4.971	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	83774	4.828	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	81339	5.038	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	5441	5.000	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	64515	4.912	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	47458	5.093	ug/L	100
69) Naphthalene	13.74	128	64365	4.697	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	44720	4.920	ug/L	100

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

