

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032046.D
 Acq On : 16 May 2019 13:53
 Operator : JC/SP
 Sample : VSTD02010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02010

Quant Time: May 17 02:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 02:13:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	441545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	434222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	713888	17.25	ug/L	0.00
7) Chloroethane-d5	1.67	69	610182	18.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1166841	18.20	ug/L	0.00
20) 2-Butanone-d5	4.19	46	1553215	174.96	ug/L	0.00
24) Chloroform-d	4.64	84	1317503	19.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	646284	18.92	ug/L	0.00
32) Benzene-d6	5.33	84	2764642	19.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	804512	18.70	ug/L	0.00
41) Toluene-d8	7.56	98	2603268	21.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	317866	21.76	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	1540801	220.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	673180	20.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	900830	19.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	430268	19.651	ug/L 99
3) Chloromethane	1.32	50	382337	15.387	ug/L 99
5) Vinyl chloride	1.40	62	429615	17.705	ug/L 99
6) Bromomethane	1.62	94	230735	17.885	ug/L 92
8) Chloroethane	1.69	64	247288	15.493	ug/L 98
9) Trichlorofluoromethane	1.88	101	531642	19.924	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	343491	19.647	ug/L 98
12) 1,1-Dichloroethene	2.28	96	341806	19.729	ug/L 84
13) Acetone	2.33	43	427962	153.564	ug/L 99
14) Carbon disulfide	2.47	76	1075795	18.135	ug/L 99
15) Methyl Acetate	2.62	43	114816	14.134	ug/L 97
16) Methylene chloride	2.69	84	359840	17.654	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	793301	18.727	ug/L 97
18) trans-1,2-Dichloroethene	2.97	96	362889	19.021	ug/L 97
19) 1,1-Dichloroethane	3.43	63	581663	18.010	ug/L 99
21) 2-Butanone	4.28	43	716058	168.167	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	370406	19.478	ug/L 99
23) Bromochloromethane	4.54	128	159511	19.495	ug/L 99
25) Chloroform	4.67	83	616430	18.622	ug/L 100
27) 1,2-Dichloroethane	5.40	62	369170	19.225	ug/L 99
29) 1,1,1-Trichloroethane	4.90	97	504808	20.372	ug/L 97
30) Cyclohexane	4.98	56	510991	18.929	ug/L 98
31) Carbon tetrachloride	5.13	117	435114	20.655	ug/L 100
33) Benzene	5.38	78	1394010	19.572	ug/L 100
34) Trichloroethene	6.18	95	355968	18.803	ug/L 96
35) Methylcyclohexane	6.41	83	585813	21.986	ug/L 97
37) 1,2-Dichloropropane	6.43	63	330608	18.509	ug/L 98
38) Bromodichloromethane	6.75	83	424743	19.658	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	517411	22.281	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	1702528	180.360	ug/L 98

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42) Toluene	7.63	91	1531021	21.021	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	400785	21.963	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	252967	20.193	ug/L	98
47) Tetrachloroethene	8.22	164	283494	21.198	ug/L	96
48) 2-Hexanone	8.36	43	1311173	183.937	ug/L	97
49) Dibromochloromethane	8.47	129	288205	21.131	ug/L	100
50) 1,2-Dibromoethane	8.58	107	237020	20.616	ug/L #	97
51) Chlorobenzene	9.12	112	924883	20.683	ug/L	95
52) Ethylbenzene	9.24	91	1594613	21.810	ug/L	99
53) m,p-Xylene	9.37	106	632939	23.446	ug/L	98
54) o-Xylene	9.77	106	605434	23.049	ug/L	100
55) Styrene	9.79	104	1055200	24.703	ug/L	98
56) Isopropylbenzene	10.16	105	1569345	23.513	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	313238	20.290	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	212503	19.568	ug/L	100
61) Bromoform	9.95	173	162665	20.044	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	682727	19.463	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	708031	19.794	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	693838	19.969	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	47194	19.501	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	545080	21.474	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	440933	25.296	ug/L	99
69) Naphthalene	13.74	128	779983	26.628	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	440458	24.748	ug/L	100

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

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