

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052319\
 Data File : VU032257.D
 Acq On : 23 May 2019 08:55
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: May 24 01:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 07:22:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	366648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90916	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	90732	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	176606	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.21	46	288603	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.64	84	253699	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	136582	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.33	84	487970	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.33	67	162693	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.56	98	499257	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	64984	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	259850	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166424	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	224714	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	81308	5.188	ug/L 99
3) Chloromethane	1.32	50	73893	4.702	ug/L 99
5) Vinyl chloride	1.40	62	79584	5.015	ug/L 97
6) Bromomethane	1.63	94	47992	4.773	ug/L 90
8) Chloroethane	1.70	64	49702	4.934	ug/L 97
9) Trichlorofluoromethane	1.88	101	108472	5.272	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66755	5.142	ug/L 99
12) 1,1-Dichloroethene	2.28	96	64439	4.939	ug/L 86
13) Acetone	2.34	43	88814	49.355	ug/L 95
14) Carbon disulfide	2.47	76	200848	4.968	ug/L 99
15) Methyl Acetate	2.62	43	23314	4.415	ug/L 95
16) Methylene chloride	2.69	84	72022	4.138	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	150949	5.131	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	70934	5.065	ug/L 97
19) 1,1-Dichloroethane	3.44	63	112607	5.206	ug/L 96
21) 2-Butanone	4.29	43	134786	49.650	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	67494	4.937	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.54	128	32620	5.399	ug/L	94
25) Chloroform	4.67	83	119856	5.131	ug/L	94
27) 1,2-Dichloroethane	5.40	62	66164	4.866	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	100307	5.207	ug/L	97
30) Cyclohexane	4.98	56	83703	4.648	ug/L	100
31) Carbon tetrachloride	5.12	117	84849	5.000	ug/L	96
33) Benzene	5.38	78	258767	5.155	ug/L	100
34) Trichloroethene	6.18	95	66494	4.935	ug/L	92
35) Methylcyclohexane	6.41	83	92567	4.664	ug/L	96
37) 1,2-Dichloropropane	6.43	63	60277	4.987	ug/L	98
38) Bromodichloromethane	6.76	83	81854	5.211	ug/L #	99
39) cis-1,3-Dichloropropene	7.27	75	84460	4.907	ug/L	95
40) 4-Methyl-2-pentanone	7.46	43	302251	49.470	ug/L	100
42) Toluene	7.63	91	279599	5.242	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	71557	5.291	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	46584	4.991	ug/L	95
47) Tetrachloroethene	8.22	164	55007	4.946	ug/L	94
48) 2-Hexanone	8.36	43	244320	52.136	ug/L	98
49) Dibromochloromethane	8.47	129	54916	5.169	ug/L	98
50) 1,2-Dibromoethane	8.58	107	43875	4.986	ug/L	97
51) Chlorobenzene	9.12	112	173750	5.089	ug/L	98
52) Ethylbenzene	9.25	91	267334	4.979	ug/L	96
53) m,p-Xylene	9.37	106	104499	5.234	ug/L	93
54) o-Xylene	9.77	106	99458	4.985	ug/L	95
55) Styrene	9.79	104	171704	5.143	ug/L	100
56) Isopropylbenzene	10.16	105	252958	5.015	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	57435	5.109	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	40091	5.093	ug/L	92
61) Bromoform	9.96	173	32302	5.263	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	124574	4.920	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	129165	4.864	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	131904	5.136	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	8104	4.887	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	100614	5.222	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	68622	5.051	ug/L	99
69) Naphthalene	13.74	128	87558	4.213	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	67416	4.688	ug/L	97

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

