

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062019\
 Data File : VU032887.D
 Acq On : 20 Jun 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Jun 21 05:27:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92328	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24879	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	21774	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	57088	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.18	46	96752	57.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.50%
24) Chloroform-d	4.64	84	57215	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.30	65	32932	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.33	84	102889	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.32	67	34352	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.56	98	97962	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	14292	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.31	63	72001	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31844	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	40402	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45322	5.721	ug/L 100
3) Chloromethane	1.33	50	41153	5.009	ug/L 99
5) Vinyl chloride	1.40	62	42893	5.311	ug/L 99
6) Bromomethane	1.62	94	21919	4.449	ug/L 96
8) Chloroethane	1.69	64	25442	4.931	ug/L 99
9) Trichlorofluoromethane	1.88	101	62142	5.377	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32707	5.323	ug/L 99
12) 1,1-Dichloroethene	2.28	96	29150	4.969	ug/L 98
13) Acetone	2.32	43	72650	55.873	ug/L 95
14) Carbon disulfide	2.47	76	93269	4.965	ug/L 100
15) Methyl Acetate	2.61	43	18588	5.210	ug/L 96
16) Methylene chloride	2.69	84	33207	5.104	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	86167	5.022	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	31714	5.011	ug/L 96
19) 1,1-Dichloroethane	3.43	63	65700	5.799	ug/L 99
21) 2-Butanone	4.27	43	110490	58.425	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	36905	5.152	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	17363	5.632	ug/L	99
25) Chloroform	4.67	83	66781	5.770	ug/L	95
27) 1,2-Dichloroethane	5.40	62	46182	6.072	ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	58330	5.262	ug/L	97
30) Cyclohexane	4.98	56	55029	4.697	ug/L	96
31) Carbon tetrachloride	5.13	117	52651	5.224	ug/L	99
33) Benzene	5.38	78	135713	5.061	ug/L	100
34) Trichloroethene	6.18	95	36163	4.688	ug/L	96
35) Methylcyclohexane	6.40	83	57389	4.626	ug/L	96
37) 1,2-Dichloropropane	6.43	63	37735	5.438	ug/L	100
38) Bromodichloromethane	6.75	83	47879	5.368	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	54044	5.073	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	265097	53.687	ug/L	96
42) Toluene	7.63	91	151016	5.053	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	44457	5.227	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	27163	5.381	ug/L	98
47) Tetrachloroethene	8.22	164	30928	5.095	ug/L	94
48) 2-Hexanone	8.36	43	190537	53.997	ug/L	96
49) Dibromochloromethane	8.47	129	32382	5.015	ug/L	93
50) 1,2-Dibromoethane	8.58	107	26389	5.245	ug/L	95
51) Chlorobenzene	9.11	112	95727	5.108	ug/L	99
52) Ethylbenzene	9.24	91	163357	4.959	ug/L	99
53) m,p-Xylene	9.37	106	62071	4.971	ug/L	96
54) o-Xylene	9.77	106	59638	4.785	ug/L	94
55) Styrene	9.79	104	103596	5.053	ug/L	100
56) Isopropylbenzene	10.16	105	161730	4.920	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	35568	5.509	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	25590	5.616	ug/L	99
61) Bromoform	9.95	173	19128	4.873	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	78472	4.921	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	81547	5.030	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	77707	5.043	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5365	4.959	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	65749	5.144	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	52088	5.054	ug/L	96
69) Naphthalene	13.74	128	85210	4.717	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	50000	4.872	ug/L	97

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

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