

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101818\
 Data File : VU027707.D
 Acq On : 18 Oct 2018 19:54
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00553

Quant Time: Oct 19 08:15:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	71423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	67779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	33981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28575	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	20856	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.28	63	49226	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.21	46	82433	51.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.16%
24) Chloroform-d	4.65	84	44699	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	24867	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	92709	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	31737	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.57	98	87331	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	13177	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.32	63	69805	50.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23869	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	32431	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	27909	4.787 ug/L	100
3) Chloromethane	1.33	50	32317	4.655 ug/L	99
5) Vinyl chloride	1.40	62	33533	4.811 ug/L	99
6) Bromomethane	1.63	94	17316	4.632 ug/L	98
8) Chloroethane	1.70	64	18542	4.615 ug/L	98
9) Trichlorofluoromethane	1.89	101	40284	5.007 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	22854	4.707 ug/L	99
12) 1,1-Dichloroethene	2.29	96	22274	4.608 ug/L	94
13) Acetone	2.35	43	47677	46.196 ug/L	99
14) Carbon disulfide	2.48	76	75980	4.539 ug/L	100
15) Methyl Acetate	2.63	43	12804	4.646 ug/L	93
16) Methylene chloride	2.70	84	25417	4.821 ug/L	99
17) Methyl tert-butyl Ether	3.01	73	65588	4.908 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	23743	4.621 ug/L	97
19) 1,1-Dichloroethane	3.45	63	49197	4.811 ug/L	99
21) 2-Butanone	4.30	43	90327	50.370 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	27866	4.900 ug/L #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	11776	4.598	ug/L	92
25) Chloroform	4.68	83	50428	5.110	ug/L	99
27) 1,2-Dichloroethane	5.41	62	32246	5.161	ug/L #	93
29) 1,1,1-Trichloroethane	4.92	97	41654	5.013	ug/L	98
30) Cyclohexane	4.99	56	51324	4.915	ug/L	99
31) Carbon tetrachloride	5.13	117	36375	4.833	ug/L	99
33) Benzene	5.39	78	108770	4.904	ug/L	100
34) Trichloroethene	6.19	95	28281	4.926	ug/L	99
35) Methylcyclohexane	6.41	83	46554	4.705	ug/L	94
37) 1,2-Dichloropropane	6.44	63	31573	4.957	ug/L	98
38) Bromodichloromethane	6.76	83	34852	4.709	ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	45588	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	216446	50.345	ug/L	98
42) Toluene	7.64	91	117149	4.916	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	36437	4.767	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	18832	4.598	ug/L	97
47) Tetrachloroethene	8.23	164	21495	4.689	ug/L	98
48) 2-Hexanone	8.37	43	154994	50.318	ug/L	98
49) Dibromochloromethane	8.48	129	23852	4.686	ug/L	100
50) 1,2-Dibromoethane	8.59	107	17894	4.662	ug/L	100
51) Chlorobenzene	9.12	112	70802	4.842	ug/L	99
52) Ethylbenzene	9.25	91	129628	4.908	ug/L	98
53) m,p-xylene	9.38	106	47329	4.815	ug/L	98
54) o-xylene	9.78	106	46305	4.799	ug/L	99
55) Styrene	9.79	104	79477	4.898	ug/L	96
56) Isopropylbenzene	10.17	105	127344	4.963	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	24991	4.665	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	18654	5.096	ug/L	97
61) Bromoform	9.96	173	14251	4.681	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	55944	4.958	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	55657	4.919	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	53520	4.938	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	4484	5.025	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	43935	4.797	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	37594	4.762	ug/L	98
69) Naphthalene	13.74	128	64554	4.891	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	35464	4.810	ug/L	99

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

