

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061419\
 Data File : VU032697.D
 Acq On : 13 Jun 2019 16:22
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Jun 14 07:35:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 06 01:05:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105103	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	101334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31922	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.67	69	26615	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.27	63	68944	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.18	46	94929	49.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	4.64	84	66916	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.30	65	35100	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.33	84	128085	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.32	67	39526	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	123161	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.85	79	16551	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	70334	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32531	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	49201	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	48685	5.399	ug/L 99
3) Chloromethane	1.33	50	43859	4.689	ug/L 99
5) Vinyl chloride	1.40	62	44935	4.888	ug/L 100
6) Bromomethane	1.61	94	26001	4.637	ug/L 97
8) Chloroethane	1.69	64	26136	4.450	ug/L 99
9) Trichlorofluoromethane	1.88	101	65026	4.942	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34492	4.931	ug/L 97
12) 1,1-Dichloroethene	2.28	96	31448	4.709	ug/L 96
13) Acetone	2.32	43	69612	47.029	ug/L 98
14) Carbon disulfide	2.47	76	98636	4.612	ug/L 98
15) Methyl Acetate	2.61	43	18491	4.553	ug/L 99
16) Methylene chloride	2.69	84	35357	4.774	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	88832	4.548	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	35163	4.880	ug/L 97
19) 1,1-Dichloroethane	3.43	63	66718	5.173	ug/L 99
21) 2-Butanone	4.27	43	104881	48.718	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	40074	4.915	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	18016	5.133	ug/L	97
25) Chloroform	4.67	83	68413	5.193	ug/L	94
27) 1,2-Dichloroethane	5.40	62	44657	5.157	ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	60124	4.869	ug/L	98
30) Cyclohexane	4.98	56	60443	4.631	ug/L	98
31) Carbon tetrachloride	5.12	117	54115	4.820	ug/L	98
33) Benzene	5.38	78	145369	4.866	ug/L	100
34) Trichloroethene	6.18	95	40855	4.754	ug/L	98
35) Methylcyclohexane	6.41	83	63342	4.583	ug/L	97
37) 1,2-Dichloropropane	6.43	63	38773	5.016	ug/L	99
38) Bromodichloromethane	6.75	83	49592	4.991	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	54936	4.629	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	254631	46.288	ug/L	98
42) Toluene	7.63	91	159310	4.784	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	43732	4.615	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	27324	4.858	ug/L	96
47) Tetrachloroethene	8.22	164	33595	4.968	ug/L	96
48) 2-Hexanone	8.36	43	183101	46.577	ug/L	99
49) Dibromochloromethane	8.47	129	33816	4.701	ug/L	99
50) 1,2-Dibromoethane	8.58	107	25876	4.617	ug/L	95
51) Chlorobenzene	9.11	112	101591	4.866	ug/L	98
52) Ethylbenzene	9.24	91	172715	4.707	ug/L	99
53) m,p-Xylene	9.37	106	65391	4.700	ug/L	94
54) o-Xylene	9.77	106	64109	4.617	ug/L	99
55) Styrene	9.79	104	108261	4.739	ug/L	99
56) Isopropylbenzene	10.16	105	172396	4.707	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	33543	4.663	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24545	4.835	ug/L	99
61) Bromoform	9.95	173	19202	4.370	ug/L #	98
62) 1,3-Dichlorobenzene	11.41	146	82800	4.638	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	84788	4.671	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	81085	4.700	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5268	4.349	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	69397	4.850	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	55385	4.800	ug/L	96
69) Naphthalene	13.74	128	86119	4.258	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	53830	4.685	ug/L	98

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

