

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072118\
 Data File : VU025594.D
 Acq On : 21 Jul 2018 19:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05063

Quant Time: Jul 23 01:14:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76206	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.68	69	66335	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.62%
11) 1,1-Dichloroethene-d2	2.28	63	178284	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
21) 2-Butanone-d5	4.18	46	144500	100.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.65	84	197936	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	128449	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.35	84	367660	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
36) 1,2-Dichloropropane-d6	6.34	67	120448	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.52%
41) Toluene-d8	7.57	98	357563	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%
43) trans-1,3-Dichloropropene-	7.85	79	60992	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.31	63	106882	99.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171980	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	160154	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	147149	45.915	ug/L 100
3) Chloromethane	1.33	50	120817	52.201	ug/L 100
5) Vinyl chloride	1.41	62	122263	48.164	ug/L 99
6) Bromomethane	1.63	94	53649	60.773	ug/L 90
8) Chloroethane	1.70	64	72438	48.462	ug/L 99
9) Trichlorofluoromethane	1.89	101	173726	48.059	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	99016	48.914	ug/L 98
12) 1,1-Dichloroethene	2.29	96	92314	50.290	ug/L 98
13) Acetone	2.32	43	115816	68.830	ug/L 99
14) Carbon disulfide	2.48	76	285146	47.706	ug/L 100
15) Methyl Acetate	2.62	43	115515	49.662	ug/L 99
16) Methylene chloride	2.71	84	110379	48.272	ug/L 98
17) trans-1,2-Dichloroethene	2.99	96	103500	48.972	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	343077	49.843	ug/L 100
19) 1,1-Dichloroethane	3.45	63	196872	48.969	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	119893	50.257	ug/L 96
22) 2-Butanone	4.26	43	164301	87.712	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	63256	50.236	ug/L	99
25) Chloroform	4.68	83	210528	49.765	ug/L	99
27) 1,2-Dichloroethane	5.41	62	170953	49.543	ug/L	97
29) Cyclohexane	5.00	56	171410	47.468	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	190732	48.902	ug/L	99
31) Carbon tetrachloride	5.14	117	172497	47.829	ug/L	100
33) Benzene	5.39	78	434920	48.563	ug/L	100
34) Trichloroethene	6.19	95	116789	49.148	ug/L	99
35) Methylcyclohexane	6.42	83	181871	47.467	ug/L	98
37) 1,2-Dichloropropane	6.44	63	118937	48.599	ug/L	99
38) Bromodichloromethane	6.76	83	157342	48.762	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	188729	49.692	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	318369	99.061	ug/L	99
42) Toluene	7.64	91	475164	49.198	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	176217	49.209	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	115393	49.156	ug/L	99
46) Tetrachloroethene	8.23	164	102098	49.561	ug/L	98
48) 2-Hexanone	8.36	43	250007	92.061	ug/L	99
49) Dibromochloromethane	8.48	129	135907	49.354	ug/L	99
50) 1,2-Dibromoethane	8.59	107	123282	48.747	ug/L	99
51) Chlorobenzene	9.12	112	320861	49.347	ug/L	100
52) Ethylbenzene	9.25	91	538530	50.520	ug/L	99
53) m,p-Xylene	9.38	106	209094	51.210	ug/L	99
54) o-xylene	9.78	106	206335	49.802	ug/L	99
55) Styrene	9.80	104	348761	51.684	ug/L	100
56) Isopropylbenzene	10.17	105	546087	51.073	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	184805	48.806	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	138391	48.143	ug/L	100
61) Bromoform	9.96	173	99858	45.059	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	265044	48.905	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	269029	48.630	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	273016	48.085	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	41308	46.260	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	211131	50.470	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	185838	52.857	ug/L	97
69) Naphthalene	13.74	128	527180	49.861	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	188939	50.836	ug/L	100

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

