

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030842.D
 Acq On : 07 Apr 2019 07:36
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Apr 08 07:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	231412	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	187406	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.34%
11) 1,1-Dichloroethene-d2	2.27	63	432153	53.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.76%
21) 2-Butanone-d5	4.17	46	415265	117.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.07%
24) Chloroform-d	4.64	84	379422	55.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.98%
26) 1,2-Dichloroethane-d4	5.31	65	254874	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.26%
32) Benzene-d6	5.33	84	760918	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.50%
36) 1,2-Dichloropropane-d6	6.32	67	259933	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	7.56	98	680056	54.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.85	79	112313	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.31	63	259108	116.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	361582	55.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	241506	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	205330	46.622	ug/L 99
3) Chloromethane	1.32	50	281896	49.484	ug/L 99
5) Vinyl chloride	1.40	62	274499	49.778	ug/L 95
6) Bromomethane	1.62	94	130056	45.522	ug/L 98
8) Chloroethane	1.69	64	160260	50.954	ug/L 98
9) Trichlorofluoromethane	1.88	101	322588	50.205	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	168605	46.963	ug/L 96
12) 1,1-Dichloroethene	2.28	96	178908	51.620	ug/L 85
13) Acetone	2.32	43	277255	76.382	ug/L 98
14) Carbon disulfide	2.47	76	518553	48.162	ug/L 98
15) Methyl Acetate	2.61	43	294378	52.305	ug/L 99
16) Methylene chloride	2.70	84	207549	49.295	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	179305	48.724	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	627610	50.914	ug/L 99
19) 1,1-Dichloroethane	3.44	63	395106	52.026	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	256867	63.216	ug/L 98
22) 2-Butanone	4.25	43	427191	100.376	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	98529	51.291	uq/L	97
25) Chloroform	4.67	83	378652	49.608	uq/L	99
27) 1,2-Dichloroethane	5.40	62	303297	52.063	uq/L	97
29) Cyclohexane	4.99	56	334910	48.459	uq/L	99
30) 1,1,1-Trichloroethane	4.91	97	314868	53.282	uq/L	99
31) Carbon tetrachloride	5.13	117	261055	51.264	uq/L	100
33) Benzene	5.38	78	814291	51.316	uq/L	100
34) Trichloroethene	6.18	95	196502	50.490	uq/L	99
35) Methylcyclohexane	6.41	83	278070	46.297	uq/L	99
37) 1,2-Dichloropropane	6.43	63	228852	50.933	uq/L	99
38) Bromodichloromethane	6.75	83	279873	51.633	uq/L	98
39) cis-1,3-Dichloropropene	7.27	75	314924	49.242	uq/L	98
40) 4-Methyl-2-pentanone	7.46	43	779703	107.911	uq/L	99
42) Toluene	7.63	91	842501	52.014	uq/L	100
44) trans-1,3-Dichloropropene	7.88	75	276807	49.114	uq/L	97
45) 1,1,2-Trichloroethane	8.06	97	193321	50.731	uq/L	99
46) Tetrachloroethene	8.22	164	133790	47.283	uq/L	97
48) 2-Hexanone	8.36	43	612236	108.606	uq/L	99
49) Dibromochloromethane	8.47	129	205937	50.930	uq/L	97
50) 1,2-Dibromoethane	8.58	107	210568	51.065	uq/L	97
51) Chlorobenzene	9.12	112	502041	50.536	uq/L	99
52) Ethylbenzene	9.25	91	917976	51.993	uq/L	99
53) m,p-Xylene	9.37	106	328827	53.401	uq/L	99
54) o-xylene	9.77	106	320587	52.341	uq/L	97
55) Styrene	9.79	104	559804	53.284	uq/L	98
56) Isopropylbenzene	10.16	105	843416	52.301	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	360878	52.357	uq/L	99
59) 1,2,3-Trichloropropane	10.49	75	285115	52.982	uq/L	100
61) Bromoform	9.95	173	152570	49.695	uq/L	100
62) 1,3-Dichlorobenzene	11.41	146	355313	48.375	uq/L	99
63) 1,4-Dichlorobenzene	11.50	146	364683	48.812	uq/L	99
65) 1,2-Dichlorobenzene	11.87	146	369393	50.137	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	81370	51.952	uq/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	264877	49.345	uq/L	96
68) 1,2,4-trichlorobenzene	13.50	180	227164	49.774	uq/L	99
69) Naphthalene	13.74	128	812619	54.924	uq/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	239537	50.234	uq/L	98

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

