

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030692.D
 Acq On : 04 Apr 2019 18:36
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV51

Quant Time: Apr 05 01:59:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	542540	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	525294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	247320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219520	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.68	69	166764	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.27	63	414788	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
21) 2-Butanone-d5	4.17	46	364252	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.64	84	352821	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.30	65	223902	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
32) Benzene-d6	5.33	84	706305	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	6.32	67	242318	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.22%
41) Toluene-d8	7.56	98	648500	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	7.85	79	110192	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.31	63	233635	97.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327552	46.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	224334	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	247106	51.851	ug/L 100
3) Chloromethane	1.32	50	306774	49.766	ug/L 99
5) Vinyl chloride	1.40	62	300853	50.419	ug/L 94
6) Bromomethane	1.62	94	162006	52.404	ug/L 99
8) Chloroethane	1.69	64	174894	51.389	ug/L 98
9) Trichlorofluoromethane	1.88	101	360492	51.848	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	199576	51.373	ug/L 99
12) 1,1-Dichloroethene	2.28	96	196474	52.389	ug/L 95
13) Acetone	2.32	43	405008	103.113	ug/L 99
14) Carbon disulfide	2.47	76	619827	53.202	ug/L 100
15) Methyl Acetate	2.61	43	320151	52.570	ug/L 98
16) Methylene chloride	2.69	84	228528	50.161	ug/L 95
17) trans-1,2-Dichloroethene	2.97	96	205816	51.686	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	682380	51.158	ug/L 99
19) 1,1-Dichloroethane	3.44	63	421481	51.289	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	230434	52.409	ug/L 99
22) 2-Butanone	4.25	43	503828	109.403	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	108993	52.434	ug/L	96
25) Chloroform	4.67	83	409677	49.602	ug/L	99
27) 1,2-Dichloroethane	5.40	62	318850	50.581	ug/L	98
29) Cyclohexane	4.99	56	404930	54.085	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	330948	51.697	ug/L	100
31) Carbon tetrachloride	5.13	117	286294	51.897	ug/L	98
33) Benzene	5.38	78	900464	52.383	ug/L	100
34) Trichloroethene	6.18	95	220572	52.316	ug/L	99
35) Methylcyclohexane	6.41	83	355123	54.579	ug/L	99
37) 1,2-Dichloropropane	6.42	63	254923	52.372	ug/L	99
38) Bromodichloromethane	6.75	83	306347	52.171	ug/L	96
39) cis-1,3-Dichloropropene	7.26	75	375926	54.261	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	847975	108.335	ug/L	99
42) Toluene	7.63	91	927188	52.841	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	329633	53.989	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	217413	52.666	ug/L	96
46) Tetrachloroethene	8.22	164	157554	51.400	ug/L	95
48) 2-Hexanone	8.36	43	695783	113.936	ug/L	99
49) Dibromochloromethane	8.47	129	227174	51.862	ug/L	99
50) 1,2-Dibromoethane	8.58	107	229942	51.475	ug/L	99
51) Chlorobenzene	9.12	112	565751	52.570	ug/L	99
52) Ethylbenzene	9.24	91	1019080	53.281	ug/L	98
53) m,p-Xylene	9.37	106	371953	55.759	ug/L	99
54) o-xylene	9.77	106	359575	54.192	ug/L	98
55) Styrene	9.79	104	622781	54.720	ug/L	99
56) Isopropylbenzene	10.16	105	955573	54.699	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	386051	51.702	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	302220	51.842	ug/L	98
61) Bromoform	9.95	173	167110	51.148	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	410068	52.461	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	414593	52.145	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	406140	51.799	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	85703	51.418	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	308748	54.048	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	279435	57.533	ug/L	99
69) Naphthalene	13.74	128	975864	61.979	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	283200	55.808	ug/L	98

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

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