

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027502.D
 Acq On : 08 Oct 2018 16:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Oct 09 04:57:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	204836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194234	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70396	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.68	69	56081	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	141529	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
21) 2-Butanone-d5	4.18	46	140287	107.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	4.65	84	133642	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
26) 1,2-Dichloroethane-d4	5.31	65	89291	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.34	84	261607	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	92150	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.57	98	227383	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	42356	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.31	63	100295	104.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122709	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	85641	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	97617	48.055	ug/L 99
3) Chloromethane	1.33	50	114925	49.236	ug/L 100
5) Vinyl chloride	1.40	62	110556	48.471	ug/L 88
6) Bromomethane	1.63	94	45037	45.183	ug/L 99
8) Chloroethane	1.70	64	61430	44.941	ug/L 99
9) Trichlorofluoromethane	1.89	101	113780	49.836	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	66722	49.226	ug/L 98
12) 1,1-Dichloroethene	2.29	96	62977	47.596	ug/L 94
13) Acetone	2.32	43	94121	88.181	ug/L 99
14) Carbon disulfide	2.48	76	219743	45.211	ug/L 100
15) Methyl Acetate	2.62	43	110689	51.751	ug/L 98
16) Methylene chloride	2.70	84	77467	48.204	ug/L 95
17) trans-1,2-Dichloroethene	2.99	96	69033	47.114	ug/L 96
18) Methyl tert-butyl Ether	3.00	73	240152	49.294	ug/L 99
19) 1,1-Dichloroethane	3.45	63	151127	49.951	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	78826	48.496	ug/L 94
22) 2-Butanone	4.27	43	151693	99.282	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36352	49.043	uq/L	97
25) Chloroform	4.68	83	138577	47.414	uq/L	99
27) 1,2-Dichloroethane	5.41	62	115598	49.248	uq/L	100
29) Cyclohexane	5.00	56	144588	49.077	uq/L	98
30) 1,1,1-Trichloroethane	4.92	97	113609	48.886	uq/L	98
31) Carbon tetrachloride	5.14	117	97905	50.087	uq/L	100
33) Benzene	5.39	78	314084	49.208	uq/L	100
34) Trichloroethene	6.19	95	73377	47.802	uq/L	99
35) Methylcyclohexane	6.42	83	128651	48.236	uq/L	99
37) 1,2-Dichloropropane	6.43	63	92476	50.007	uq/L	100
38) Bromodichloromethane	6.76	83	105478	50.194	uq/L	98
39) cis-1,3-Dichloropropene	7.27	75	132113	48.620	uq/L	100
40) 4-Methyl-2-pentanone	7.46	43	286524	105.808	uq/L	98
42) Toluene	7.64	91	314805	49.155	uq/L	98
44) trans-1,3-Dichloropropene	7.88	75	124153	49.224	uq/L	100
45) 1,1,2-Trichloroethane	8.07	97	72504	48.842	uq/L	99
46) Tetrachloroethene	8.23	164	53875	47.225	uq/L	99
48) 2-Hexanone	8.36	43	222684	104.142	uq/L	98
49) Dibromochloromethane	8.48	129	77511	50.075	uq/L	97
50) 1,2-Dibromoethane	8.59	107	75154	47.720	uq/L	99
51) Chlorobenzene	9.12	112	194060	47.930	uq/L	99
52) Ethylbenzene	9.25	91	345980	48.654	uq/L	99
53) m,p-Xylene	9.38	106	127174	48.862	uq/L	98
54) o-xylene	9.78	106	122594	48.893	uq/L	98
55) Styrene	9.79	104	215817	50.264	uq/L	99
56) Isopropylbenzene	10.17	105	328543	49.999	uq/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	126757	48.735	uq/L	98
59) 1,2,3-Trichloropropane	10.49	75	102338	48.881	uq/L	99
61) Bromoform	9.96	173	53561	48.550	uq/L	100
62) 1,3-Dichlorobenzene	11.42	146	140014	46.335	uq/L	99
63) 1,4-Dichlorobenzene	11.51	146	146817	46.579	uq/L	99
65) 1,2-Dichlorobenzene	11.88	146	146555	47.643	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	28641	50.226	uq/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	108114	46.308	uq/L	99
68) 1,2,4-trichlorobenzene	13.50	180	98405	45.834	uq/L	99
69) Naphthalene	13.74	128	326138	49.263	uq/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	102404	46.903	uq/L	99

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

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