

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029979.D
 Acq On : 11 Mar 2019 20:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Mar 12 07:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 06:36:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	557435	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	276838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185870	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.82%
7) Chloroethane-d5	1.68	69	151761	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.98%
11) 1,1-Dichloroethene-d2	2.27	63	335382	50.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.78%
21) 2-Butanone-d5	4.17	46	286154	103.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.65	84	340756	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	5.31	65	194426	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.34	84	719218	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.78%
36) 1,2-Dichloropropane-d6	6.33	67	218420	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.96%
41) Toluene-d8	7.56	98	680395	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%
43) trans-1,3-Dichloropropene-	7.85	79	108788	53.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.90%
47) 2-Hexanone-d5	8.31	63	254549	108.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	335749	52.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	279274	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	170162	48.311 ug/L	99
3) Chloromethane	1.33	50	190414	49.002 ug/L	99
5) Vinyl chloride	1.40	62	206959	48.586 ug/L	99
6) Bromomethane	1.62	94	137615	52.152 ug/L	97
8) Chloroethane	1.70	64	128644	46.078 ug/L	97
9) Trichlorofluoromethane	1.88	101	278251	48.707 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	178576	48.762 ug/L	99
12) 1,1-Dichloroethene	2.28	96	171431	49.066 ug/L	95
13) Acetone	2.32	43	242186	74.980 ug/L	99
14) Carbon disulfide	2.48	76	540998	49.958 ug/L	99
15) Methyl Acetate	2.61	43	210359	50.409 ug/L	99
16) Methylene chloride	2.70	84	198029	48.000 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	189787	49.880 ug/L	100
18) Methyl tert-butyl Ether	3.00	73	559911	49.617 ug/L	100
19) 1,1-Dichloroethane	3.44	63	320544	49.067 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	212356	49.026 ug/L	99
22) 2-Butanone	4.26	43	329433	89.588 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	112014	49.922	ug/L	98
25) Chloroform	4.67	83	334809	48.830	ug/L	98
27) 1,2-Dichloroethane	5.40	62	239021	48.487	ug/L	99
29) Cyclohexane	4.99	56	294526	50.068	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	286695	49.239	ug/L	99
31) Carbon tetrachloride	5.13	117	260170	50.603	ug/L	98
33) Benzene	5.39	78	765482	50.156	ug/L	100
34) Trichloroethene	6.18	95	199595	49.899	ug/L	99
35) Methylcyclohexane	6.41	83	324378	50.009	ug/L	99
37) 1,2-Dichloropropane	6.43	63	200363	49.910	ug/L	100
38) Bromodichloromethane	6.75	83	253262	50.733	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	319943	51.213	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	553342	102.083	ug/L	100
42) Toluene	7.63	91	843389	50.826	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	289806	50.806	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	200983	50.061	ug/L	99
46) Tetrachloroethene	8.22	164	175184	50.045	ug/L	99
48) 2-Hexanone	8.36	43	448982	97.092	ug/L	99
49) Dibromochloromethane	8.47	129	223941	49.925	ug/L	99
50) 1,2-Dibromoethane	8.58	107	222544	50.289	ug/L	98
51) Chlorobenzene	9.12	112	556923	49.783	ug/L	99
52) Ethylbenzene	9.25	91	920655	50.399	ug/L	99
53) m,p-Xylene	9.37	106	361405	51.136	ug/L	100
54) o-xylene	9.77	106	354332	51.042	ug/L	99
55) Styrene	9.79	104	606653	51.323	ug/L	98
56) Isopropylbenzene	10.16	105	920928	50.673	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	342483	49.702	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	260951	49.912	ug/L	100
61) Bromoform	9.95	173	177212	51.427	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	449264	50.251	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	455596	50.116	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	457558	50.845	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	75849	51.867	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	356533	51.379	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	332439	52.373	ug/L	99
69) Naphthalene	13.74	128	1110704	53.857	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	342727	51.975	ug/L	99

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

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