

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030249.D
 Acq On : 21 Mar 2019 01:53
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Mar 22 01:35:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	537440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	530839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	269764	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	183639	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.06%
7) Chloroethane-d5	1.68	69	151258	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.10%
11) 1,1-Dichloroethene-d2	2.27	63	333689	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.66%
21) 2-Butanone-d5	4.17	46	298294	110.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.64%
24) Chloroform-d	4.65	84	347098	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.31	65	195918	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
32) Benzene-d6	5.34	84	729707	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.33	67	224670	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.82%
41) Toluene-d8	7.56	98	678357	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloropropene-	7.85	79	104716	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
47) 2-Hexanone-d5	8.31	63	245002	109.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	344564	51.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	274324	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	220346	48.425	ug/L 99
3) Chloromethane	1.33	50	218449	49.597	ug/L 99
5) Vinyl chloride	1.40	62	235758	50.424	ug/L 100
6) Bromomethane	1.62	94	101161	39.981	ug/L 99
8) Chloroethane	1.69	64	138915	50.252	ug/L 97
9) Trichlorofluoromethane	1.88	101	296082	49.865	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	174367	48.294	ug/L 99
12) 1,1-Dichloroethene	2.28	96	179638	50.100	ug/L 98
13) Acetone	2.32	43	189586	67.297	ug/L 99
14) Carbon disulfide	2.48	76	513185	47.920	ug/L 99
15) Methyl Acetate	2.61	43	208571	50.912	ug/L 100
16) Methylene chloride	2.70	84	207059	50.917	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	188962	50.007	ug/L 99
18) Methyl tert-butyl Ether	3.00	73	571630	52.590	ug/L 100
19) 1,1-Dichloroethane	3.44	63	336690	51.803	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	214870	51.901	ug/L 98
22) 2-Butanone	4.26	43	307059	92.740	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	110449	49.846	uq/L	99
25) Chloroform	4.67	83	344099	50.819	uq/L	100
27) 1,2-Dichloroethane	5.40	62	241071	50.230	uq/L	99
29) Cyclohexane	4.99	56	289488	50.190	uq/L	98
30) 1,1,1-Trichloroethane	4.91	97	289757	50.649	uq/L	99
31) Carbon tetrachloride	5.13	117	251868	49.731	uq/L	100
33) Benzene	5.39	78	790103	51.589	uq/L	100
34) Trichloroethene	6.18	95	199989	49.542	uq/L	98
35) Methylcyclohexane	6.41	83	306218	48.376	uq/L	100
37) 1,2-Dichloropropane	6.43	63	204447	52.123	uq/L	99
38) Bromodichloromethane	6.75	83	254988	50.561	uq/L	99
39) cis-1,3-Dichloropropene	7.27	75	311543	49.505	uq/L	100
40) 4-Methyl-2-pentanone	7.46	43	552774	102.541	uq/L	99
42) Toluene	7.63	91	867436	52.036	uq/L	99
44) trans-1,3-Dichloropropene	7.88	75	273598	50.243	uq/L	98
45) 1,1,2-Trichloroethane	8.06	97	205906	51.140	uq/L	99
46) Tetrachloroethene	8.23	164	167738	49.181	uq/L	100
48) 2-Hexanone	8.36	43	433305	96.844	uq/L	99
49) Dibromochloromethane	8.47	129	226520	50.171	uq/L	97
50) 1,2-Dibromoethane	8.58	107	225343	50.481	uq/L	98
51) Chlorobenzene	9.12	112	558361	50.628	uq/L	99
52) Ethylbenzene	9.25	91	919759	50.806	uq/L	100
53) m,p-Xylene	9.37	106	361591	51.843	uq/L	99
54) o-xylene	9.77	106	357086	52.082	uq/L	97
55) Styrene	9.79	104	607620	52.306	uq/L	100
56) Isopropylbenzene	10.16	105	905283	51.070	uq/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	348640	50.780	uq/L	99
59) 1,2,3-Trichloropropane	10.49	75	265312	50.047	uq/L	100
61) Bromoform	9.96	173	178427	51.218	uq/L	99
62) 1,3-Dichlorobenzene	11.41	146	435987	50.657	uq/L	99
63) 1,4-Dichlorobenzene	11.50	146	456060	51.085	uq/L	99
65) 1,2-Dichlorobenzene	11.87	146	459520	52.257	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	73449	49.959	uq/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	328302	48.808	uq/L	100
68) 1,2,4-trichlorobenzene	13.50	180	305465	51.353	uq/L	99
69) Naphthalene	13.74	128	914607	48.464	uq/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	309577	49.878	uq/L	100

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

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