

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
 Data File : VU030545.D
 Acq On : 29 Mar 2019 16:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05040

Quant Time: Mar 30 02:11:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	357451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156127	53.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.62%
7) Chloroethane-d5	1.67	69	125879	54.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.48%
11) 1,1-Dichloroethene-d2	2.27	63	311626	56.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.24%
21) 2-Butanone-d5	4.17	46	263500	96.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.61%
24) Chloroform-d	4.64	84	276922	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.31	65	181983	55.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.26%
32) Benzene-d6	5.34	84	550802	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.46%
36) 1,2-Dichloropropane-d6	6.33	67	190949	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.90%
41) Toluene-d8	7.56	98	506828	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%
43) trans-1,3-Dichloropropene-	7.85	79	89040	53.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.98%
47) 2-Hexanone-d5	8.31	63	175800	92.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263415	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	178145	53.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	216286	54.376 ug/L	99
3) Chloromethane	1.33	50	249275	56.034 ug/L	100
5) Vinyl chloride	1.40	62	235283	55.774 ug/L	98
6) Bromomethane	1.61	94	109348	56.504 ug/L	100
8) Chloroethane	1.69	64	132025	55.437 ug/L	97
9) Trichlorofluoromethane	1.88	101	271724	59.067 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	154746	58.813 ug/L	98
12) 1,1-Dichloroethene	2.28	96	143441	55.611 ug/L	96
13) Acetone	2.32	43	297346	107.804 ug/L	99
14) Carbon disulfide	2.47	76	443111	51.957 ug/L	100
15) Methyl Acetate	2.61	43	221878	52.535 ug/L #	100
16) Methylene chloride	2.70	84	168008	55.253 ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	145741	53.857 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	496405	55.471 ug/L	99
19) 1,1-Dichloroethane	3.44	63	313253	56.424 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	166895	54.993 ug/L	99
22) 2-Butanone	4.26	43	353470	106.024 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	79134	56.100	ug/L	92
25) Chloroform	4.67	83	309734	58.678	ug/L	98
27) 1,2-Dichloroethane	5.40	62	242072	58.443	ug/L	99
29) Cyclohexane	4.99	56	291204	53.833	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	251165	57.385	ug/L	98
31) Carbon tetrachloride	5.13	117	209112	56.367	ug/L	99
33) Benzene	5.39	78	667049	54.820	ug/L	100
34) Trichloroethene	6.18	95	159395	53.287	ug/L	98
35) Methylcyclohexane	6.41	83	265294	53.896	ug/L	99
37) 1,2-Dichloropropane	6.43	63	190725	55.232	ug/L	100
38) Bromodichloromethane	6.75	83	230207	56.106	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	277260	55.861	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	594310	102.463	ug/L	98
42) Toluene	7.63	91	700675	55.484	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	249185	57.058	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	160402	54.976	ug/L	99
46) Tetrachloroethene	8.22	164	117900	56.431	ug/L	96
48) 2-Hexanone	8.36	43	479626	100.893	ug/L	99
49) Dibromochloromethane	8.47	129	170491	56.236	ug/L	99
50) 1,2-Dibromoethane	8.58	107	169740	54.207	ug/L	100
51) Chlorobenzene	9.12	112	413251	53.995	ug/L	99
52) Ethylbenzene	9.25	91	753768	55.100	ug/L	100
53) m,p-Xylene	9.37	106	272203	55.108	ug/L	99
54) o-xylene	9.77	106	267600	55.523	ug/L	99
55) Styrene	9.79	104	465636	56.086	ug/L	99
56) Isopropylbenzene	10.16	105	706440	55.356	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	290889	54.095	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	224913	53.511	ug/L	100
61) Bromoform	9.95	173	122697	55.467	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	288609	53.044	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	295547	52.764	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	305487	55.526	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	61225	49.979	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	214159	52.577	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	176318	49.820	ug/L	99
69) Naphthalene	13.74	128	561346	44.606	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	191914	51.353	ug/L	97

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

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