

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102619\
 Data File : VU035526.D
 Acq On : 26 Oct 2019 18:17
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05059

Quant Time: Oct 30 01:30:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	654038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	622725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	277806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	238559	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.93	69	201352	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.60	63	408729	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
21) 2-Butanone-d5	4.69	46	345524	101.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.53%
24) Chloroform-d	5.12	84	406639	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.75	65	256058	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.77	84	833148	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.73	67	269235	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.93	98	768352	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%
43) trans-1,3-Dichloropropene-	8.21	79	130096	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.36%
47) 2-Hexanone-d5	8.68	63	242013	120.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.67%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	377425	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	259571	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.40	85	262811	46.735	ug/L	99
3) Chloromethane	1.54	50	303153	50.513	ug/L	99
5) Vinyl chloride	1.62	62	313627	48.148	ug/L	97
6) Bromomethane	1.87	94	145158	48.906	ug/L	100
8) Chloroethane	1.95	64	185707	48.285	ug/L	99
9) Trichlorofluoromethane	2.16	101	353945	47.380	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	204087	46.565	ug/L	100
12) 1,1-Dichloroethene	2.61	96	198944	48.046	ug/L	96
13) Acetone	2.67	43	257954	75.652	ug/L	100
14) Carbon disulfide	2.83	76	630970	46.906	ug/L	99
15) Methyl Acetate	2.99	43	281897	50.304	ug/L	99
16) Methylene chloride	3.08	84	243661	47.309	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	215426	48.673	ug/L	99
18) Methyl tert-butyl Ether	3.42	73	687765	49.871	ug/L	99
19) 1,1-Dichloroethane	3.92	63	433036	47.745	ug/L	100
20) cis-1,2-Dichloroethene	4.72	96	243374	48.908	ug/L	99
22) 2-Butanone	4.77	43	404921	94.901	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	121883	48.062	ug/L	99
25) Chloroform	5.14	83	422938	47.275	ug/L	98
27) 1,2-Dichloroethane	5.84	62	328876	47.741	ug/L	100
29) Cyclohexane	5.43	56	359931	51.022	ug/L	99
30) 1,1,1-Trichloroethane	5.37	97	345560	49.866	ug/L	99
31) Carbon tetrachloride	5.57	117	304569	50.021	ug/L	99
33) Benzene	5.82	78	946771	50.410	ug/L	100
34) Trichloroethene	6.58	95	229641	49.796	ug/L	99
35) Methylcyclohexane	6.80	83	327893	51.111	ug/L	98
37) 1,2-Dichloropropane	6.83	63	252794	49.241	ug/L	100
38) Bromodichloromethane	7.14	83	315252	49.365	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	394269	51.902	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	720810	102.953	ug/L	99
42) Toluene	8.01	91	991346	51.179	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	352519	50.862	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	230829	49.164	ug/L	98
46) Tetrachloroethene	8.58	164	177825	49.318	ug/L	99
48) 2-Hexanone	8.73	43	529413	92.341	ug/L	95
49) Dibromochloromethane	8.84	129	251549	49.607	ug/L	97
50) 1,2-Dibromoethane	8.96	107	247717	50.150	ug/L	98
51) Chlorobenzene	9.48	112	624663	49.642	ug/L	99
52) Ethylbenzene	9.60	91	1060681	51.397	ug/L	99
53) m,p-Xylene	9.72	106	400945	52.415	ug/L	100
54) o-xylene	10.13	106	389769	52.072	ug/L	100
55) Styrene	10.14	104	654822	53.606	ug/L	98
56) Isopropylbenzene	10.51	105	982609	52.176	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	406306	48.974	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	322121	48.819	ug/L	99
61) Bromoform	10.32	173	187636	44.738	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	424275	47.847	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	419945	46.547	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	426143	47.202	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	71226	47.493	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	218351	48.223	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	134604	47.306	ug/L	98
69) Naphthalene	14.11	128	348076	43.983	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	143010	48.629	ug/L	99

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

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