

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029701.D
 Acq On : 27 Feb 2019 12:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Feb 28 00:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 27 01:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487642	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	477119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171469	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.98%
7) Chloroethane-d5	1.68	69	140287	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.27	63	308469	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
21) 2-Butanone-d5	4.17	46	247638	113.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	4.64	84	303356	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	5.31	65	186947	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
32) Benzene-d6	5.34	84	652096	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.64%
36) 1,2-Dichloropropane-d6	6.33	67	195233	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.56	98	635423	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%
43) trans-1,3-Dichloropropene-	7.85	79	96724	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.96%
47) 2-Hexanone-d5	8.31	63	209836	104.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308072	50.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	272129	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	163624	48.937	ug/L 99
3) Chloromethane	1.32	50	150026	51.147	ug/L 97
5) Vinyl chloride	1.40	62	183474	46.057	ug/L 100
6) Bromomethane	1.62	94	114686	63.082	ug/L 100
8) Chloroethane	1.69	64	111823	42.204	ug/L 98
9) Trichlorofluoromethane	1.88	101	256963	40.466	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	155401	45.750	ug/L 99
12) 1,1-Dichloroethene	2.28	96	143008	44.285	ug/L 92
13) Acetone	2.32	43	240510	103.506	ug/L 99
14) Carbon disulfide	2.47	76	420725	49.747	ug/L 99
15) Methyl Acetate	2.61	43	167157	55.423	ug/L 99
16) Methylene chloride	2.70	84	162320	51.946	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	155114	52.042	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	470275	50.963	ug/L 98
19) 1,1-Dichloroethane	3.44	63	268184	52.036	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	177436	51.234	ug/L 97
22) 2-Butanone	4.26	43	277476	104.635	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	94256	49.647	uq/L	96
25) Chloroform	4.67	83	292432	50.856	uq/L	98
27) 1,2-Dichloroethane	5.40	62	210684	47.655	uq/L	97
29) Cyclohexane	4.99	56	240150	50.862	uq/L	96
30) 1,1,1-Trichloroethane	4.91	97	244913	48.412	uq/L	99
31) Carbon tetrachloride	5.13	117	216470	47.276	uq/L	98
33) Benzene	5.39	78	630779	51.565	uq/L	100
34) Trichloroethene	6.18	95	167031	50.687	uq/L	99
35) Methylcyclohexane	6.41	83	280315	51.222	uq/L	98
37) 1,2-Dichloropropane	6.43	63	163831	51.020	uq/L	99
38) Bromodichloromethane	6.75	83	216075	49.913	uq/L	99
39) cis-1,3-Dichloropropene	7.27	75	265816	51.308	uq/L	100
40) 4-Methyl-2-pentanone	7.46	43	460362	101.951	uq/L	99
42) Toluene	7.63	91	707400	48.900	uq/L	99
44) trans-1,3-Dichloropropene	7.88	75	243439	49.858	uq/L	99
45) 1,1,2-Trichloroethane	8.06	97	168271	49.164	uq/L	98
46) Tetrachloroethene	8.22	164	151714	47.037	uq/L	99
48) 2-Hexanone	8.36	43	388462	98.478	uq/L	97
49) Dibromochloromethane	8.47	129	193973	46.748	uq/L	99
50) 1,2-Dibromoethane	8.58	107	186289	49.126	uq/L	98
51) Chlorobenzene	9.12	112	479081	48.251	uq/L	98
52) Ethylbenzene	9.25	91	787235	47.915	uq/L	100
53) m,p-Xylene	9.37	106	312777	47.425	uq/L	98
54) o-xylene	9.77	106	308513	46.570	uq/L	100
55) Styrene	9.79	104	526074	47.041	uq/L	96
56) Isopropylbenzene	10.16	105	806978	46.551	uq/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	294847	48.716	uq/L	99
59) 1,2,3-Trichloropropane	10.49	75	220653	48.194	uq/L	100
61) Bromoform	9.95	173	155475	45.261	uq/L	99
62) 1,3-Dichlorobenzene	11.41	146	399242	49.089	uq/L	98
63) 1,4-Dichlorobenzene	11.50	146	408155	49.869	uq/L	98
65) 1,2-Dichlorobenzene	11.88	146	409375	48.221	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	66064	50.006	uq/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	315756	50.877	uq/L	98
68) 1,2,4-trichlorobenzene	13.50	180	281076	52.362	uq/L	99
69) Naphthalene	13.74	128	893963	54.181	uq/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	289889	50.854	uq/L	100

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

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