

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028834.D
 Acq On : 20 Dec 2018 19:07
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Dec 21 03:58:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219333	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	207588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96260	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91738	52.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.34%
7) Chloroethane-d5	1.67	69	70524	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.27	63	153069	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.52%
21) 2-Butanone-d5	4.18	46	134223	108.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.95%
24) Chloroform-d	4.65	84	146410	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
26) 1,2-Dichloroethane-d4	5.31	65	88871	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
32) Benzene-d6	5.34	84	316105	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.33	67	106587	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.56	98	286008	53.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.64%
43) trans-1,3-Dichloropropene-	7.85	79	46944	52.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.16%
47) 2-Hexanone-d5	8.31	63	107188	113.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144127	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	103013	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	89728	50.170 ug/L	100
3) Chloromethane	1.33	50	119688	49.215 ug/L	99
5) Vinyl chloride	1.40	62	111750	52.015 ug/L	98
6) Bromomethane	1.61	94	45439	49.652 ug/L	97
8) Chloroethane	1.69	64	63384	51.687 ug/L	99
9) Trichlorofluoromethane	1.88	101	113673	51.740 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71831	50.533 ug/L	100
12) 1,1-Dichloroethene	2.28	96	70238	49.945 ug/L	88
13) Acetone	2.32	43	86861	69.185 ug/L	99
14) Carbon disulfide	2.48	76	239358	48.739 ug/L	100
15) Methyl Acetate	2.61	43	100430	51.310 ug/L	100
16) Methylene chloride	2.70	84	88536	51.051 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	77743	51.026 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	247825	52.897 ug/L	99
19) 1,1-Dichloroethane	3.44	63	150497	50.814 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	88510	51.283 ug/L	97
22) 2-Butanone	4.26	43	141258	92.396 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41869	50.888	ug/L	98
25) Chloroform	4.67	83	142770	50.646	ug/L	99
27) 1,2-Dichloroethane	5.40	62	107814	51.462	ug/L	100
29) Cyclohexane	4.99	56	146264	52.939	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	111797	50.882	ug/L	99
31) Carbon tetrachloride	5.13	117	87259	49.249	ug/L	98
33) Benzene	5.39	78	346764	52.470	ug/L	100
34) Trichloroethene	6.18	95	81399	51.017	ug/L	99
35) Methylcyclohexane	6.41	83	138299	52.043	ug/L	99
37) 1,2-Dichloropropane	6.43	63	96057	51.996	ug/L	100
38) Bromodichloromethane	6.76	83	102891	50.293	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	137588	52.240	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	264395	106.477	ug/L	99
42) Toluene	7.64	91	354176	52.867	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	120808	51.457	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	82306	52.107	ug/L	99
46) Tetrachloroethene	8.22	164	63308	51.519	ug/L	99
48) 2-Hexanone	8.36	43	203593	99.897	ug/L	99
49) Dibromochloromethane	8.48	129	76702	48.751	ug/L	100
50) 1,2-Dibromoethane	8.58	107	87734	53.385	ug/L	99
51) Chlorobenzene	9.12	112	218237	51.688	ug/L	100
52) Ethylbenzene	9.25	91	379523	52.723	ug/L	97
53) m,p-Xylene	9.37	106	142145	53.400	ug/L	96
54) o-xylene	9.78	106	142481	53.405	ug/L	99
55) Styrene	9.79	104	240765	53.285	ug/L	99
56) Isopropylbenzene	10.16	105	357845	52.874	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	145915	50.850	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	112681	51.111	ug/L	100
61) Bromoform	9.96	173	56873	47.661	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	158780	51.926	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	158618	50.348	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	164541	51.583	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	26975	49.026	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	117854	52.274	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	100630	53.300	ug/L	99
69) Naphthalene	13.74	128	359641	54.867	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	105768	51.954	ug/L	99

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

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