

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026573.D
 Acq On : 06 Sep 2018 11:13
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Sep 07 04:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	173459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64336	59.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.72%
7) Chloroethane-d5	1.68	69	55628	57.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.62%
11) 1,1-Dichloroethene-d2	2.27	63	123899	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.38%
21) 2-Butanone-d5	4.18	46	88367	105.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	4.65	84	110419	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.31	65	72065	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
32) Benzene-d6	5.34	84	218769	57.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.48%
36) 1,2-Dichloropropane-d6	6.33	67	73918	56.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.58%
41) Toluene-d8	7.57	98	208368	56.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.94%
43) trans-1,3-Dichloropropene-	7.85	79	34548	58.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.26%
47) 2-Hexanone-d5	8.31	63	67748	113.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102408	53.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	83859	55.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	65389	48.35	ug/L	100
3) Chloromethane	1.33	50	80517	48.21	ug/L	100
5) Vinyl chloride	1.40	62	86726	47.90	ug/L	100
6) Bromomethane	1.62	94	48002	44.72	ug/L	98
8) Chloroethane	1.70	64	52856	48.62	ug/L	99
9) Trichlorofluoromethane	1.88	101	111899	48.60	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	63227	49.22	ug/L	98
12) 1,1-Dichloroethene	2.28	96	57022	46.05	ug/L	95
13) Acetone	2.32	43	84243	116.64	ug/L	97
14) Carbon disulfide	2.48	76	172914	49.35	ug/L	99
15) Methyl Acetate	2.62	43	73845	52.07	ug/L	99
16) Methylene chloride	2.70	84	66801	52.48	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	59111	52.78	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	189624	55.78	ug/L	99
19) 1,1-Dichloroethane	3.45	63	118444	53.82	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	67964	54.17	ug/L	99
22) 2-Butanone	4.26	43	110076	113.38	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	34974	54.11	ug/L	93
25) Chloroform	4.67	83	118883	52.90	ug/L	100
27) 1,2-Dichloroethane	5.40	62	92418	50.99	ug/L	99
29) Cyclohexane	5.00	56	101669	56.77	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	99453	54.98	ug/L	99
31) Carbon tetrachloride	5.14	117	88744	53.99	ug/L	99
33) Benzene	5.39	78	259777	55.12	ug/L	100
34) Trichloroethene	6.19	95	65100	55.07	ug/L	99
35) Methylcyclohexane	6.42	83	106830	57.88	ug/L	99
37) 1,2-Dichloropropane	6.43	63	73874	56.63	ug/L	100
38) Bromodichloromethane	6.76	83	89979	54.08	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	107292	57.72	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	194123	110.33	ug/L	99
42) Toluene	7.64	91	274694	55.86	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	99259	56.02	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	65351	54.68	ug/L	98
46) Tetrachloroethene	8.23	164	53229	55.08	ug/L	96
48) 2-Hexanone	8.36	43	157219	113.46	ug/L	98
49) Dibromochloromethane	8.48	129	74825	55.56	ug/L	98
50) 1,2-Dibromoethane	8.59	107	69873	54.90	ug/L	95
51) Chlorobenzene	9.12	112	174091	52.94	ug/L	99
52) Ethylbenzene	9.25	91	298071	55.73	ug/L	100
53) m,p-Xylene	9.38	106	112913	56.54	ug/L	98
54) o-xylene	9.78	106	112585	57.81	ug/L	95
55) Styrene	9.79	104	192670	56.64	ug/L	99
56) Isopropylbenzene	10.17	105	292324	57.35	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	112984	53.67	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	86377	53.06	ug/L	97
61) Bromoform	9.96	173	57663	56.30	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	136655	56.27	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	138973	54.11	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	142624	55.68	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	22740	52.80	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	110236	56.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	95747	55.94	ug/L	100
69) Naphthalene	13.74	128	306822	57.41	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	105844	56.31	ug/L	100

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

