

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026528.D
 Acq On : 05 Sep 2018 07:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05057

Quant Time: Sep 06 04:35:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	181551	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86629	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47135	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	41253	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.22%
11) 1,1-Dichloroethene-d2	2.27	63	105763	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.50%
21) 2-Butanone-d5	4.18	46	66823	76.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.54%
24) Chloroform-d	4.65	84	85370	40.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.36%
26) 1,2-Dichloroethane-d4	5.31	65	56650	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
32) Benzene-d6	5.34	84	170933	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
36) 1,2-Dichloropropane-d6	6.33	67	58021	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.04%
41) Toluene-d8	7.57	98	163557	42.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.30%
43) trans-1,3-Dichloropropene-	7.85	79	26613	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.31	63	52748	84.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84310	41.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	67508	42.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	67330	47.56	ug/L	99
3) Chloromethane	1.33	50	80022	45.78	ug/L	100
5) Vinyl chloride	1.40	62	86466	45.63	ug/L	99
6) Bromomethane	1.62	94	53288	47.43	ug/L	100
8) Chloroethane	1.70	64	52394	46.05	ug/L	100
9) Trichlorofluoromethane	1.89	101	111126	46.12	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	67789	50.42	ug/L	99
12) 1,1-Dichloroethene	2.28	96	61631	47.56	ug/L	88
13) Acetone	2.32	43	94658	125.21	ug/L	99
14) Carbon disulfide	2.48	76	171587	46.79	ug/L	99
15) Methyl Acetate	2.62	43	69275	46.67	ug/L	98
16) Methylene chloride	2.70	84	65150	48.90	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	57512	49.07	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	179472	50.44	ug/L	100
19) 1,1-Dichloroethane	3.45	63	114124	49.55	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	65367	49.78	ug/L	98
22) 2-Butanone	4.26	43	107876	106.16	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	34270	50.66	ug/L	98
25) Chloroform	4.67	83	120096	51.06	ug/L	97
27) 1,2-Dichloroethane	5.41	62	90959	47.95	ug/L	100
29) Cyclohexane	5.00	56	98706	52.56	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	96346	50.80	ug/L	99
31) Carbon tetrachloride	5.14	117	88456	51.33	ug/L	100
33) Benzene	5.39	78	254469	51.50	ug/L	100
34) Trichloroethene	6.19	95	62717	50.60	ug/L	98
35) Methylcyclohexane	6.42	83	106110	54.83	ug/L	100
37) 1,2-Dichloropropane	6.44	63	71650	52.38	ug/L	100
38) Bromodichloromethane	6.76	83	87691	50.27	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	101972	52.31	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	182230	98.78	ug/L	99
42) Toluene	7.64	91	265862	51.56	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	96209	51.79	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	62923	50.21	ug/L	99
46) Tetrachloroethene	8.23	164	53320	52.62	ug/L	98
48) 2-Hexanone	8.36	43	150882	103.84	ug/L	98
49) Dibromochloromethane	8.48	129	73505	52.06	ug/L	98
50) 1,2-Dibromoethane	8.59	107	66763	50.03	ug/L	97
51) Chlorobenzene	9.12	112	171279	49.67	ug/L	98
52) Ethylbenzene	9.25	91	287758	51.31	ug/L	100
53) m,p-Xylene	9.38	106	109302	52.20	ug/L	98
54) o-xylene	9.78	106	108409	53.09	ug/L	96
55) Styrene	9.79	104	188095	52.73	ug/L	99
56) Isopropylbenzene	10.17	105	281023	52.58	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	108789	49.28	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	82520	48.34	ug/L	99
61) Bromoform	9.96	173	55026	51.46	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	130194	51.36	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	136283	50.83	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	140624	52.59	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	22000	48.93	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	108396	52.99	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	90612	50.71	ug/L	98
69) Naphthalene	13.74	128	286148	51.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	101403	51.68	ug/L	100

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

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