

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025970.D
 Acq On : 08 Aug 2018 04:59
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

Quant Time: Aug 08 06:50:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	308052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83438	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.76%
7) Chloroethane-d5	1.68	69	65849	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.88%
11) 1,1-Dichloroethene-d2	2.27	63	164648	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.60%
21) 2-Butanone-d5	4.18	46	126254	107.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.49%
24) Chloroform-d	4.65	84	176988	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	5.31	65	114235	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.35	84	334140	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.33	67	106745	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.18%
41) Toluene-d8	7.57	98	317851	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%
43) trans-1,3-Dichloropropene-	7.85	79	49559	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.90%
47) 2-Hexanone-d5	8.31	63	85660	103.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.35%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	149716	54.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	128662	54.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.26%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	122483	52.27	ug/L	99
3) Chloromethane	1.33	50	113731	57.69	ug/L	99
5) Vinyl chloride	1.40	62	110424	51.93	ug/L	100
6) Bromomethane	1.62	94	58569	62.20	ug/L	99
8) Chloroethane	1.70	64	66087	53.67	ug/L	99
9) Trichlorofluoromethane	1.89	101	162189	52.95	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84978	50.19	ug/L	99
12) 1,1-Dichloroethene	2.28	96	80276	51.63	ug/L	97
13) Acetone	2.32	43	96203	69.19	ug/L	99
14) Carbon disulfide	2.48	76	277330	50.06	ug/L	100
15) Methyl Acetate	2.62	43	114899	54.12	ug/L	98
16) Methylene chloride	2.70	84	108525	53.56	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	96994	50.59	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	317964	52.16	ug/L	98
19) 1,1-Dichloroethane	3.45	63	187467	53.91	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	111917	52.25	ug/L	99
22) 2-Butanone	4.27	43	160742	92.47	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	58966	52.43	ug/L	96
25) Chloroform	4.68	83	196551	53.35	ug/L	98
27) 1,2-Dichloroethane	5.41	62	160573	54.66	ug/L	98
29) Cyclohexane	5.00	56	159496	52.07	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	176526	53.36	ug/L	98
31) Carbon tetrachloride	5.14	117	162918	55.07	ug/L	100
33) Benzene	5.39	78	410691	54.06	ug/L	100
34) Trichloroethene	6.19	95	105334	49.82	ug/L	96
35) Methylcyclohexane	6.42	83	162425	50.76	ug/L	97
37) 1,2-Dichloropropane	6.44	63	113184	55.77	ug/L #	95
38) Bromodichloromethane	6.76	83	149994	54.37	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	152439	46.11	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	301665	109.00	ug/L	99
42) Toluene	7.64	91	437327	52.75	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	150483	48.16	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	105725	54.53	ug/L	98
46) Tetrachloroethene	8.23	164	88802	48.87	ug/L	96
48) 2-Hexanone	8.36	43	227372	101.83	ug/L	99
49) Dibromochloromethane	8.48	129	129930	54.56	ug/L	100
50) 1,2-Dibromoethane	8.59	107	113968	52.41	ug/L	97
51) Chlorobenzene	9.12	112	294455	51.87	ug/L	98
52) Ethylbenzene	9.25	91	478488	50.73	ug/L	100
53) m,p-Xylene	9.38	106	186996	50.54	ug/L	97
54) o-xylene	9.78	106	184924	52.49	ug/L	98
55) Styrene	9.80	104	310159	52.24	ug/L	99
56) Isopropylbenzene	10.17	105	480890	51.35	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	173442	53.21	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	139918	54.16	ug/L	100
61) Bromoform	9.96	173	93976	57.19	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	219606	51.01	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	225873	51.50	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	241377	55.92	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	38191	58.22	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	162405	51.20	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	133129	48.36	ug/L	98
69) Naphthalene	13.75	128	404549	50.00	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	140572	49.84	ug/L	99

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

