

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025934.D
 Acq On : 07 Aug 2018 11:14
 Operator : MD/SY
 Sample : VSTD01041
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01041

Quant Time: Aug 08 01:27:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 01:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	379280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	189640	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.40	65	21993	10.46	ug/L	0.00
7) Chloroethane-d5	1.68	69	16265	10.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	43265	10.63	ug/L	0.00
21) 2-Butanone-d5	4.18	46	29173	20.17	ug/L	0.00
24) Chloroform-d	4.65	84	41688	10.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	27927	10.40	ug/L	0.00
32) Benzene-d6	5.35	84	81979	10.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	25568	10.30	ug/L	0.00
41) Toluene-d8	7.57	98	78915	10.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	12659	9.72	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	19505	18.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	34743	10.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	32961	10.52	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	28360	9.83	ug/L	96
3) Chloromethane	1.33	50	23602	9.72	ug/L	99
5) Vinyl chloride	1.41	62	25637	9.79	ug/L	99
6) Bromomethane	1.63	94	10365	8.94	ug/L	100
8) Chloroethane	1.70	64	14959	9.87	ug/L	99
9) Trichlorofluoromethane	1.89	101	37916	10.05	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	20221	9.70	ug/L	98
12) 1,1-Dichloroethene	2.29	96	18567	9.70	ug/L	96
13) Acetone	2.32	43	37496	21.90	ug/L	100
14) Carbon disulfide	2.48	76	66622	9.77	ug/L	96
15) Methyl Acetate	2.62	43	25692	9.83	ug/L	97
16) Methylene chloride	2.71	84	24856	9.96	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	23974	10.16	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	72874	9.71	ug/L	99
19) 1,1-Dichloroethane	3.45	63	42437	9.91	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	25857	9.80	ug/L	98
22) 2-Butanone	4.27	43	41991	19.62	ug/L	99
23) Bromochloromethane	4.55	128	13482	9.74	ug/L	93
25) Chloroform	4.68	83	43993	9.70	ug/L	99
27) 1,2-Dichloroethane	5.41	62	36020	9.96	ug/L	100
29) Cyclohexane	5.00	56	37107	9.72	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	41009	9.94	ug/L	96
31) Carbon tetrachloride	5.14	117	34818	9.44	ug/L	99
33) Benzene	5.39	78	93103	9.83	ug/L	100
34) Trichloroethene	6.19	95	26231	9.95	ug/L	96
35) Methylcyclohexane	6.42	83	38567	9.67	ug/L	99
37) 1,2-Dichloropropane	6.44	63	24836	9.81	ug/L	100
38) Bromodichloromethane	6.76	83	32531	9.46	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	38444	9.33	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	62706	18.17	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	99324	9.61	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	35610	9.14	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	23279	9.63	ug/L	98
46) Tetrachloroethene	8.23	164	22365	9.87	ug/L	99
48) 2-Hexanone	8.37	43	49837	17.90	ug/L	99
49) Dibromochloromethane	8.48	129	27471	9.25	ug/L	97
50) 1,2-Dibromoethane	8.59	107	26180	9.65	ug/L	100
51) Chlorobenzene	9.12	112	68542	9.68	ug/L	95
52) Ethylbenzene	9.26	91	111655	9.49	ug/L	98
53) m,p-Xylene	9.38	106	44139	9.57	ug/L	99
54) o-xylene	9.78	106	41625	9.48	ug/L	91
55) Styrene	9.80	104	66539	8.99	ug/L	96
56) Isopropylbenzene	10.17	105	109132	9.35	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	38274	9.42	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	30516	9.47	ug/L	97
61) Bromoform	9.96	173	20321	9.38	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	56690	9.99	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	56839	9.83	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	56406	9.91	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8268	9.56	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	40901	9.78	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	32577	8.98	ug/L	97
69) Naphthalene	13.75	128	90977	8.53	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	34130	9.18	ug/L	99

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

