

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026130.D
 Acq On : 15 Aug 2018 08:00
 Operator : MD/SY
 Sample : VSTD00560
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00560

Quant Time: Aug 16 02:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:00:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	298943	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	9199	5.24	ug/L	0.00
7) Chloroethane-d5	1.68	69	7845	5.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	17847	5.18	ug/L	0.00
21) 2-Butanone-d5	4.18	46	12802	9.50	ug/L	0.00
24) Chloroform-d	4.65	84	20345	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	13372	5.20	ug/L	0.00
32) Benzene-d6	5.35	84	35357	4.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	12908	5.46	ug/L	0.00
41) Toluene-d8	7.57	98	32935	4.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	5097	4.55	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	7501	7.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	15977	4.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13524	5.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	11513	4.86	ug/L	95
3) Chloromethane	1.33	50	10564	4.90	ug/L	100
5) Vinyl chloride	1.40	62	10853	5.04	ug/L	97
6) Bromomethane	1.62	94	5947	5.36	ug/L	90
8) Chloroethane	1.70	64	6510	5.05	ug/L	95
9) Trichlorofluoromethane	1.89	101	16228	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8738	5.08	ug/L	94
12) 1,1-Dichloroethene	2.28	96	7976	5.05	ug/L	81
13) Acetone	2.32	43	14213	11.53	ug/L	98
14) Carbon disulfide	2.48	76	27853	5.08	ug/L	98
15) Methyl Acetate	2.62	43	10435	4.88	ug/L	100
16) Methylene chloride	2.70	84	11091	5.24	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	9361	4.99	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	28136	4.73	ug/L	98
19) 1,1-Dichloroethane	3.45	63	18106	5.02	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	9626	4.58	ug/L	99
22) 2-Butanone	4.27	43	14777	9.62	ug/L	98
23) Bromochloromethane	4.55	128	5561	4.90	ug/L	93
25) Chloroform	4.68	83	18526	4.89	ug/L	98
27) 1,2-Dichloroethane	5.41	62	15027	4.91	ug/L	99
29) Cyclohexane	5.00	56	12267	4.40	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	17254	5.18	ug/L	94
31) Carbon tetrachloride	5.14	117	14706	4.87	ug/L	97
33) Benzene	5.39	78	36941	4.89	ug/L	100
34) Trichloroethene	6.19	95	9461	4.81	ug/L	91
35) Methylcyclohexane	6.42	83	13080	4.43	ug/L #	86
37) 1,2-Dichloropropane	6.44	63	10459	4.96	ug/L #	94
38) Bromodichloromethane	6.76	83	13632	4.88	ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	14483	4.62	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	23496	8.98	ug/L	96

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42) Toluene	7.64	91	37080	4.62	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	13887	4.60	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	9871	4.93	ug/L	97
46) Tetrachloroethene	8.23	164	8253	4.86	ug/L	97
48) 2-Hexanone	8.36	43	17706	8.63	ug/L	98
49) Dibromochloromethane	8.48	129	11485	4.77	ug/L	94
50) 1,2-Dibromoethane	8.59	107	9624	4.63	ug/L #	87
51) Chlorobenzene	9.12	112	26381	4.81	ug/L	97
52) Ethylbenzene	9.25	91	38222	4.37	ug/L	98
53) m,p-Xylene	9.38	106	14083	4.18	ug/L	83
54) o-xylene	9.78	106	14408	4.29	ug/L	99
55) Styrene	9.80	104	21643	3.87	ug/L	91
56) Isopropylbenzene	10.17	105	35127	4.07	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	16179	4.84	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	12215	4.70	ug/L	98
61) Bromoform	9.96	173	8111	5.06	ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	17608	4.79	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	19354	5.11	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	19359	4.93	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	3134	5.04	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.89	180	12005	4.43	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	7755	3.77	ug/L	99
69) Naphthalene	13.75	128	17417	2.98	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	8539	3.88	ug/L	98

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

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