

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026240.D
 Acq On : 22 Aug 2018 11:42
 Operator : MD/SY
 Sample : VSTD01041
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01041

Quant Time: Aug 23 04:41:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 04:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	292309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137629	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18421	8.90	ug/L	0.00
7) Chloroethane-d5	1.68	69	15078	9.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	34778	8.85	ug/L	0.00
21) 2-Butanone-d5	4.18	46	27494	16.04	ug/L	0.00
24) Chloroform-d	4.65	84	40198	9.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	26253	8.82	ug/L	0.00
32) Benzene-d6	5.35	84	73929	8.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	23870	8.67	ug/L	0.00
41) Toluene-d8	7.57	98	67664	8.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	11735	8.39	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	18244	14.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34970	8.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	28417	8.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22049	8.70	ug/L	100
3) Chloromethane	1.33	50	20122	8.79	ug/L	97
5) Vinyl chloride	1.40	62	20863	9.48	ug/L	93
6) Bromomethane	1.63	94	13081	10.81	ug/L	100
8) Chloroethane	1.70	64	11962	9.03	ug/L	97
9) Trichlorofluoromethane	1.89	101	29655	9.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	15067	8.28	ug/L	97
12) 1,1-Dichloroethene	2.28	96	14857	8.90	ug/L	91
13) Acetone	2.32	43	23530	20.97	ug/L	100
14) Carbon disulfide	2.48	76	55009	9.74	ug/L	99
15) Methyl Acetate	2.62	43	20655	8.98	ug/L	97
16) Methylene chloride	2.70	84	20381	9.39	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	18018	9.52	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	51695	8.38	ug/L	96
19) 1,1-Dichloroethane	3.45	63	33843	9.19	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	19753	9.07	ug/L	97
22) 2-Butanone	4.27	43	28086	17.65	ug/L	94
23) Bromochloromethane	4.56	128	11013	9.49	ug/L	90
25) Chloroform	4.68	83	36360	9.53	ug/L	97
27) 1,2-Dichloroethane	5.41	62	29016	9.26	ug/L	100
29) Cyclohexane	5.00	56	23877	7.58	ug/L #	93
30) 1,1,1-Trichloroethane	4.92	97	31444	8.82	ug/L	100
31) Carbon tetrachloride	5.14	117	29473	9.06	ug/L	97
33) Benzene	5.39	78	71749	8.86	ug/L	100
34) Trichloroethene	6.19	95	18784	8.93	ug/L	96
35) Methylcyclohexane	6.42	83	24449	7.55	ug/L	95
37) 1,2-Dichloropropane	6.44	63	19370	8.76	ug/L #	95
38) Bromodichloromethane	6.76	83	26720	9.08	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	28274	8.50	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	48061	16.13	ug/L	96

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42) Toluene	7.64	91	72463	8.44	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	26737	8.38	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	18930	9.02	ug/L	97
46) Tetrachloroethene	8.23	164	15691	8.74	ug/L	94
48) 2-Hexanone	8.36	43	36731	15.70	ug/L	96
49) Dibromochloromethane	8.48	129	22248	8.76	ug/L	99
50) 1,2-Dibromoethane	8.59	107	20759	9.05	ug/L	99
51) Chlorobenzene	9.12	112	51153	8.86	ug/L	98
52) Ethylbenzene	9.25	91	74719	7.97	ug/L	98
53) m,p-Xylene	9.38	106	27733	7.72	ug/L	90
54) o-xylene	9.78	106	28351	7.98	ug/L	91
55) Styrene	9.80	104	45854	7.71	ug/L	98
56) Isopropylbenzene	10.17	105	71331	7.81	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	31352	8.79	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	24115	8.53	ug/L	95
61) Bromoform	9.96	173	16620	8.92	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	36135	8.40	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	39679	8.80	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	41460	9.08	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	7215	9.05	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	27278	8.44	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	21916	7.96	ug/L	99
69) Naphthalene	13.74	128	64584	7.36	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	25611	8.69	ug/L	95

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

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