

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030688.D
 Acq On : 04 Apr 2019 16:52
 Operator : JC/SP
 Sample : VSTD01047
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01047

Quant Time: Apr 05 01:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:40:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489772	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45110	9.98	ug/L	0.00
7) Chloroethane-d5	1.68	69	33960	9.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	79147	9.80	ug/L	0.00
21) 2-Butanone-d5	4.19	46	65912	19.97	ug/L	0.02
24) Chloroform-d	4.65	84	65511	9.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	45573	9.82	ug/L	0.00
32) Benzene-d6	5.34	84	138339	10.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	47772	10.08	ug/L	0.00
41) Toluene-d8	7.56	98	119038	9.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	19341	9.51	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	37826	19.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62125	9.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	41691	9.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42747	9.448	ug/L 99
3) Chloromethane	1.32	50	55764	9.475	ug/L 100
5) Vinyl chloride	1.40	62	54241	9.573	ug/L 94
6) Bromomethane	1.63	94	28214	9.659	ug/L 96
8) Chloroethane	1.70	64	31799	9.832	ug/L 97
9) Trichlorofluoromethane	1.88	101	61696	9.412	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33973	9.234	ug/L 99
12) 1,1-Dichloroethene	2.28	96	32100	9.196	ug/L 82
13) Acetone	2.32	43	73788	19.276	ug/L 99
14) Carbon disulfide	2.48	76	101660	9.345	ug/L 98
15) Methyl Acetate	2.62	43	51665	9.357	ug/L 99
16) Methylene chloride	2.70	84	40142	9.257	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	34727	9.206	ug/L 97
18) Methyl tert-butyl Ether	3.00	73	113767	9.269	ug/L 98
19) 1,1-Dichloroethane	3.44	63	72887	9.499	ug/L 96
20) cis-1,2-Dichloroethene	4.22	96	38748	9.532	ug/L 96
22) 2-Butanone	4.27	43	76872	18.952	ug/L 95
23) Bromochloromethane	4.55	128	17482	9.150	ug/L 91
25) Chloroform	4.67	83	72612	9.247	ug/L 99
27) 1,2-Dichloroethane	5.41	62	56948	9.678	ug/L 99
29) Cyclohexane	4.99	56	63879	9.490	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	56520	9.572	ug/L 98
31) Carbon tetrachloride	5.13	117	47723	9.401	ug/L 100
33) Benzene	5.39	78	153006	9.741	ug/L 100
34) Trichloroethene	6.19	95	36434	9.424	ug/L 94
35) Methylcyclohexane	6.41	83	53774	9.284	ug/L 95
37) 1,2-Dichloropropane	6.43	63	44609	9.956	ug/L 98
38) Bromodichloromethane	6.76	83	50412	9.382	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	55104	9.244	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	129848	19.027	ug/L 99

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42) Toluene	7.64	91	150472	9.499	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	49380	9.358	ug/L	94
45) 1,1,2-Trichloroethane	8.06	97	35699	9.453	ug/L	99
46) Tetrachloroethene	8.22	164	27422	9.650	ug/L	97
48) 2-Hexanone	8.36	43	98048	18.692	ug/L	98
49) Dibromochloromethane	8.47	129	37785	9.527	ug/L	95
50) 1,2-Dibromoethane	8.58	107	38528	9.489	ug/L	99
51) Chlorobenzene	9.12	112	92155	9.338	ug/L	98
52) Ethylbenzene	9.25	91	160946	9.368	ug/L	100
53) m,p-Xylene	9.37	106	55187	9.412	ug/L	99
54) o-xylene	9.78	106	54949	9.325	ug/L	94
55) Styrene	9.79	104	90388	9.106	ug/L	97
56) Isopropylbenzene	10.16	105	142934	9.235	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	65364	9.577	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	49361	9.303	ug/L	97
61) Bromoform	9.95	173	26919	9.581	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	66171	9.784	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	64427	9.339	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	64892	9.485	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	13690	9.716	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	45203	9.271	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	36241	9.144	ug/L	100
69) Naphthalene	13.74	128	113869	9.357	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	38512	9.115	ug/L	97

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

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