

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031401.D
 Acq On : 22 Apr 2019 18:37
 Operator : JC/SP
 Sample : VSTD10051
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10051

Quant Time: Apr 23 02:59:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 02:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	710254	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	665009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	575155	88.68	ug/L	0.00
7) Chloroethane-d5	1.68	69	440292	81.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	997566	79.03	ug/L	0.00
21) 2-Butanone-d5	4.19	46	921926	198.11	ug/L	0.00
24) Chloroform-d	4.64	84	910764	86.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	538736	83.08	ug/L	0.00
32) Benzene-d6	5.34	84	1888495	91.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	617532	91.36	ug/L	0.00
41) Toluene-d8	7.56	98	1721193	94.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	296602	92.71	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	643032	198.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	850849	90.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	639534	87.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	503520	79.139 ug/L	97
3) Chloromethane	1.32	50	620648	81.023 ug/L	100
5) Vinyl chloride	1.40	62	629744	82.076 ug/L	100
6) Bromomethane	1.63	94	369280	75.279 ug/L	100
8) Chloroethane	1.70	64	358345	74.715 ug/L	100
9) Trichlorofluoromethane	1.88	101	761590	73.263 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	445786	80.339 ug/L	99
12) 1,1-Dichloroethene	2.28	96	436862	80.100 ug/L	99
13) Acetone	2.34	43	651585	177.010 ug/L	98
14) Carbon disulfide	2.47	76	1296626	86.913 ug/L	99
15) Methyl Acetate	2.62	43	626598	97.558 ug/L	100
16) Methylene chloride	2.70	84	486939	89.901 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	448410	88.015 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1491630	92.991 ug/L	100
19) 1,1-Dichloroethane	3.44	63	873324	87.144 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	509578	88.394 ug/L	98
22) 2-Butanone	4.27	43	936582	190.490 ug/L	97
23) Bromochloromethane	4.54	128	255737	89.479 ug/L	96
25) Chloroform	4.67	83	845645	84.490 ug/L	95
27) 1,2-Dichloroethane	5.40	62	631616	83.123 ug/L	96
29) Cyclohexane	4.99	56	824022	89.856 ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	707924	82.374 ug/L	99
31) Carbon tetrachloride	5.13	117	606039	81.602 ug/L	99
33) Benzene	5.39	78	1908525	86.708 ug/L	100
34) Trichloroethene	6.18	95	493379	88.661 ug/L	98
35) Methylcyclohexane	6.41	83	750397	90.350 ug/L	99
37) 1,2-Dichloropropane	6.43	63	522808	89.016 ug/L	100
38) Bromodichloromethane	6.75	83	636809	85.923 ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	825139	93.210 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1589379	190.428 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	2035233	91.717	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	697753	91.750	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	478911	90.648	ug/L	98
46) Tetrachloroethene	8.22	164	371743	89.136	ug/L	99
48) 2-Hexanone	8.36	43	1263236	190.568	ug/L	99
49) Dibromochloromethane	8.47	129	515577	90.400	ug/L	99
50) 1,2-Dibromoethane	8.58	107	508322	90.714	ug/L	98
51) Chlorobenzene	9.12	112	1244430	89.984	ug/L	98
52) Ethylbenzene	9.24	91	2194317	91.075	ug/L	99
53) m,p-Xylene	9.37	106	824349	96.580	ug/L	99
54) o-xylene	9.77	106	822183	94.992	ug/L	97
55) Styrene	9.79	104	1414364	97.558	ug/L	100
56) Isopropylbenzene	10.16	105	2141343	96.554	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	816644	89.576	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	632751	90.132	ug/L	99
61) Bromoform	9.95	173	391576	88.936	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	962026	90.839	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	957888	90.516	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	969471	87.302	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	187742	88.335	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	723983	91.499	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	648874	101.732	ug/L	99
69) Naphthalene	13.74	128	2216736	109.345	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	674596	97.100	ug/L	99

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

