

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021519\
 Data File : VU029489.D
 Acq On : 15 Feb 2019 11:09
 Operator : JC/SP
 Sample : VSTD05043
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05043

Quant Time: Feb 15 22:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 15 22:27:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	436155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158433	46.64	ug/L	0.00
7) Chloroethane-d5	1.68	69	138931	51.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	328650	54.93	ug/L	0.00
21) 2-Butanone-d5	4.17	46	201550	86.80	ug/L	0.00
24) Chloroform-d	4.65	84	262363	48.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	161832	48.55	ug/L	0.00
32) Benzene-d6	5.34	84	545942	45.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	164697	41.42	ug/L	0.00
41) Toluene-d8	7.56	98	554583	50.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	87453	47.96	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	185204	96.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276109	48.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	253129	52.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	145917	42.617	ug/L 100
3) Chloromethane	1.33	50	125804	28.793	ug/L 100
5) Vinyl chloride	1.40	62	177900	43.355	ug/L 100
6) Bromomethane	1.62	94	74053	41.967	ug/L 100
8) Chloroethane	1.69	64	114713	47.968	ug/L 100
9) Trichlorofluoromethane	1.88	101	281403	61.333	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	158152	54.937	ug/L 100
12) 1,1-Dichloroethene	2.28	96	151143	53.282	ug/L 100
13) Acetone	2.32	43	201114	84.395	ug/L 100
14) Carbon disulfide	2.47	76	375350	40.335	ug/L 100
15) Methyl Acetate	2.61	43	134059	36.862	ug/L 100
16) Methylene chloride	2.70	84	139184	42.033	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	132565	45.095	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	410169	45.320	ug/L 100
19) 1,1-Dichloroethane	3.44	63	225462	40.331	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	150938	45.254	ug/L 100
22) 2-Butanone	4.26	43	236906	82.304	ug/L 100
23) Bromochloromethane	4.55	128	85908	52.276	ug/L 100
25) Chloroform	4.67	83	250750	45.853	ug/L 100
27) 1,2-Dichloroethane	5.40	62	196849	48.028	ug/L 100
29) Cyclohexane	4.99	56	209903	38.558	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	227605	49.669	ug/L 100
31) Carbon tetrachloride	5.13	117	205076	54.191	ug/L 100
33) Benzene	5.39	78	556458	41.985	ug/L 100
34) Trichloroethene	6.18	95	150443	45.947	ug/L 100
35) Methylcyclohexane	6.41	83	244139	45.268	ug/L 100
37) 1,2-Dichloropropane	6.43	63	146626	39.935	ug/L 100
38) Bromodichloromethane	6.76	83	196114	46.760	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	242071	45.124	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	411947	83.094	ug/L 100

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42) Toluene	7.63	91	654716	47.585	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	225496	47.014	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	155963	47.723	ug/L	100
46) Tetrachloroethene	8.22	164	145384	54.971	ug/L	100
48) 2-Hexanone	8.36	43	356757	87.150	ug/L	100
49) Dibromochloromethane	8.47	129	188411	55.775	ug/L	100
50) 1,2-Dibromoethane	8.59	107	173785	50.689	ug/L	100
51) Chlorobenzene	9.12	112	450637	50.872	ug/L	100
52) Ethylbenzene	9.25	91	745521	49.783	ug/L	100
53) m,p-Xylene	9.37	106	294734	52.691	ug/L	100
54) o-xylene	9.78	106	299274	53.197	ug/L	100
55) Styrene	9.79	104	503651	53.007	ug/L	100
56) Isopropylbenzene	10.16	105	779399	54.212	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	272289	46.234	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	207581	45.894	ug/L	100
61) Bromoform	9.95	173	155373	52.205	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	375475	49.775	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	377304	48.679	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	386515	49.375	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	62747	46.903	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	285382	51.153	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	252430	53.500	ug/L	100
69) Naphthalene	13.74	128	804039	50.003	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	261337	51.711	ug/L	100

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

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