

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029974.D
 Acq On : 11 Mar 2019 18:23
 Operator : JC/SP
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01044

Quant Time: Mar 12 05:45:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 05:42:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	528043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33935	10.34	ug/L	0.00
7) Chloroethane-d5	1.68	69	27151	9.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	61405	10.06	ug/L	0.00
21) 2-Butanone-d5	4.18	46	47394	18.86	ug/L	0.00
24) Chloroform-d	4.65	84	59851	9.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	35005	9.56	ug/L	0.00
32) Benzene-d6	5.34	84	124851	9.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	38501	9.99	ug/L	0.00
41) Toluene-d8	7.56	98	113279	9.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	16927	9.06	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	39466	18.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58245	9.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	47489	9.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	34215	8.816 ug/L	99
3) Chloromethane	1.33	50	37407	7.528 ug/L	98
5) Vinyl chloride	1.40	62	41803	10.327 ug/L	100
6) Bromomethane	1.63	94	25866	18.806 ug/L	97
8) Chloroethane	1.70	64	26085	10.447 ug/L	93
9) Trichlorofluoromethane	1.89	101	55110	10.253 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	35635	10.656 ug/L	98
12) 1,1-Dichloroethene	2.28	96	33075	10.247 ug/L	97
13) Acetone	2.32	43	66796	24.333 ug/L	99
14) Carbon disulfide	2.48	76	102345	10.177 ug/L	99
15) Methyl Acetate	2.62	43	38943	10.402 ug/L	100
16) Methylene chloride	2.70	84	40188	10.586 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	35757	10.366 ug/L	94
18) Methyl tert-butyl Ether	3.00	73	107821	11.989 ug/L	99
19) 1,1-Dichloroethane	3.45	63	62853	10.599 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	41500	10.543 ug/L	98
22) 2-Butanone	4.26	43	70851	22.487 ug/L	97
23) Bromochloromethane	4.55	128	21598	10.855 ug/L	92
25) Chloroform	4.68	83	64719	10.137 ug/L	96
27) 1,2-Dichloroethane	5.41	62	47553	10.501 ug/L	100
29) Cyclohexane	4.99	56	55356	10.649 ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	56872	11.192 ug/L	99
31) Carbon tetrachloride	5.13	117	48961	10.848 ug/L	98
33) Benzene	5.39	78	148138	10.978 ug/L	100
34) Trichloroethene	6.19	95	38511	10.571 ug/L	98
35) Methylcyclohexane	6.41	83	58906	10.153 ug/L	96
37) 1,2-Dichloropropane	6.43	63	37989	10.744 ug/L	97
38) Bromodichloromethane	6.76	83	47263	10.711 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	56504	10.436 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	101614	21.449 ug/L	99

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42) Toluene	7.64	91	157494	10.674	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	50668	10.492	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	37467	10.453	ug/L	95
46) Tetrachloroethene	8.22	164	33500	10.698	ug/L	99
48) 2-Hexanone	8.36	43	87623	21.790	ug/L	99
49) Dibromochloromethane	8.47	129	41180	10.427	ug/L	99
50) 1,2-Dibromoethane	8.59	107	41746	10.799	ug/L	100
51) Chlorobenzene	9.12	112	106124	10.637	ug/L	100
52) Ethylbenzene	9.25	91	170098	10.416	ug/L	99
53) m,p-Xylene	9.37	106	63558	10.103	ug/L	94
54) o-xylene	9.78	106	63840	10.256	ug/L	96
55) Styrene	9.79	104	106468	10.400	ug/L	99
56) Isopropylbenzene	10.16	105	167542	10.382	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	63740	10.294	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	49774	10.667	ug/L	99
61) Bromoform	9.95	173	29869	10.237	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	81322	10.661	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	82414	10.551	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	83417	10.721	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	13370	10.802	ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	63455	10.894	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	55942	10.724	ug/L	99
69) Naphthalene	13.74	128	181054	11.019	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	59664	10.853	ug/L	96

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

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