

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072919\
 Data File : VU033469.D
 Acq On : 29 Jul 2019 12:34
 Operator : JC/SP
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Jul 30 03:45:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 03:41:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	308304	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	314423	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	166787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142254	50.00	ug/L	0.00
7) Chloroethane-d5	1.67	69	117420	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	275337	50.00	ug/L	0.00
21) 2-Butanone-d5	4.15	46	167497	100.00	ug/L	0.00
24) Chloroform-d	4.62	84	214724	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	137240	50.00	ug/L	0.00
32) Benzene-d6	5.32	84	436363	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	135853	50.00	ug/L	0.00
41) Toluene-d8	7.55	98	414207	50.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	66842	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	116656	100.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	200896	50.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.85	152	155915	50.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150190	50.000	ug/L	100
3) Chloromethane	1.32	50	151786	50.000	ug/L	100
5) Vinyl chloride	1.40	62	173356	50.000	ug/L	100
6) Bromomethane	1.61	94	108906	50.000	ug/L	100
8) Chloroethane	1.68	64	104621	50.000	ug/L	100
9) Trichlorofluoromethane	1.87	101	227279	50.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	118352	50.000	ug/L	100
12) 1,1-Dichloroethene	2.27	96	117037	50.000	ug/L	100
13) Acetone	2.31	43	155623	100.000	ug/L	100
14) Carbon disulfide	2.46	76	324689	50.000	ug/L	100
15) Methyl Acetate	2.60	43	124031	50.000	ug/L	100
16) Methylene chloride	2.68	84	122026	50.000	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	107609	50.000	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	330789	50.000	ug/L	100
19) 1,1-Dichloroethane	3.42	63	209985	50.000	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	121755	50.000	ug/L	100
22) 2-Butanone	4.23	43	191186	100.000	ug/L	100
23) Bromochloromethane	4.52	128	63447	50.000	ug/L	100
25) Chloroform	4.65	83	221092	50.000	ug/L	100
27) 1,2-Dichloroethane	5.38	62	171682	50.000	ug/L	100
29) Cyclohexane	4.97	56	176256	50.000	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	183706	50.000	ug/L	100
31) Carbon tetrachloride	5.11	117	163753	50.000	ug/L	100
33) Benzene	5.37	78	471007	50.000	ug/L	100
34) Trichloroethene	6.16	95	120096	50.000	ug/L	100
35) Methylcyclohexane	6.40	83	182528	50.000	ug/L	100
37) 1,2-Dichloropropane	6.41	63	124574	50.000	ug/L	100
38) Bromodichloromethane	6.74	83	161296	50.000	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	193895	50.000	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	336696	100.000	ug/L	100

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42) Toluene	7.62	91	517054	50.000	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	173218	50.000	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	118936	50.000	ug/L	100
46) Tetrachloroethene	8.21	164	95571	50.000	ug/L	100
48) 2-Hexanone	8.34	43	276480	100.000	ug/L	100
49) Dibromochloromethane	8.46	129	134636	50.000	ug/L	100
50) 1,2-Dibromoethane	8.57	107	129812	50.000	ug/L	100
51) Chlorobenzene	9.10	112	330534	50.000	ug/L	100
52) Ethylbenzene	9.23	91	552584	50.000	ug/L	100
53) m,p-Xylene	9.36	106	213013	50.000	ug/L	100
54) o-xylene	9.76	106	205896	50.000	ug/L	100
55) Styrene	9.77	104	356808	50.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	206312	50.000	ug/L	100
59) Bromoform	9.94	173	100050	50.000	ug/L	100
60) 1,2,3-Trichloropropane	10.48	75	162004	50.000	ug/L	100
61) Isopropylbenzene	10.15	105	532804	50.000	ug/L	100
62) 1,3,5-Trimethylbenzene	10.76	105	445792	50.000	ug/L	100
63) 1,2,4-Trimethylbenzene	11.13	105	449133	50.000	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	258144	50.000	ug/L	100
65) 1,4-Dichlorobenzene	11.49	146	260553	50.000	ug/L	100
67) 1,2-Dichlorobenzene	11.86	146	262842	50.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.64	75	45939	50.000	ug/L	100
69) 1,3,5-Trichlorobenzene	12.87	180	194909	50.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.49	180	163959	50.000	ug/L	100
71) Naphthalene	13.73	128	500082	50.000	ug/L	100
72) 1,2,3-Trichlorobenzene	13.97	180	177699	50.000	ug/L	100

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

