

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026635.D
 Acq On : 10 Sep 2018 08:32
 Operator : MD/SY
 Sample : VSTD01049
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01049

Quant Time: Sep 11 04:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190076	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13995	9.88	ug/L	0.00
7) Chloroethane-d5	1.68	69	11258	9.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	25314	9.99	ug/L	0.00
21) 2-Butanone-d5	4.18	46	16493	18.71	ug/L	0.00
24) Chloroform-d	4.65	84	23945	10.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	15676	10.17	ug/L	0.00
32) Benzene-d6	5.34	84	46012	9.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	15402	9.91	ug/L	0.00
41) Toluene-d8	7.57	98	41579	9.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6782	9.38	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	11036	17.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	20491	9.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	16641	10.22	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	11503	9.61	ug/L	98
3) Chloromethane	1.33	50	15687	9.97	ug/L	99
5) Vinyl chloride	1.40	62	15868	9.76	ug/L	100
6) Bromomethane	1.63	94	9189	9.70	ug/L	100
8) Chloroethane	1.70	64	9899	9.82	ug/L	98
9) Trichlorofluoromethane	1.89	101	19550	9.54	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11414	9.78	ug/L	98
12) 1,1-Dichloroethene	2.29	96	11167	9.96	ug/L	87
13) Acetone	2.32	43	23360	23.27	ug/L	99
14) Carbon disulfide	2.48	76	33964	9.33	ug/L	99
15) Methyl Acetate	2.62	43	14185	9.90	ug/L	96
16) Methylene chloride	2.70	84	12764	9.65	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	11235	9.46	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	33792	9.23	ug/L	99
19) 1,1-Dichloroethane	3.45	63	22855	9.92	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	12769	9.55	ug/L	98
22) 2-Butanone	4.26	43	23258	20.23	ug/L	98
23) Bromochloromethane	4.55	128	6663	9.74	ug/L	98
25) Chloroform	4.68	83	22567	9.75	ug/L	98
27) 1,2-Dichloroethane	5.41	62	17904	9.74	ug/L	98
29) Cyclohexane	5.00	56	17636	9.00	ug/L	# 94
30) 1,1,1-Trichloroethane	4.92	97	18583	9.80	ug/L	97
31) Carbon tetrachloride	5.14	117	16713	9.75	ug/L	96
33) Benzene	5.39	78	48625	9.70	ug/L	100
34) Trichloroethene	6.19	95	11852	9.51	ug/L	98
35) Methylcyclohexane	6.42	83	17242	8.65	ug/L	96
37) 1,2-Dichloropropane	6.44	63	13516	9.65	ug/L	100
38) Bromodichloromethane	6.76	83	16740	9.76	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	18657	9.00	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	32322	18.10	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026635.D
 Acq On : 10 Sep 2018 08:32
 Operator : MD/SY
 Sample : VSTD01049
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01049

Quant Time: Sep 11 04:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	47832	9.21	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	17158	8.90	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	11897	9.58	ug/L	99
46) Tetrachloroethene	8.23	164	10001	9.55	ug/L	98
48) 2-Hexanone	8.36	43	28991	19.23	ug/L	96
49) Dibromochloromethane	8.48	129	13942	9.71	ug/L	99
50) 1,2-Dibromoethane	8.59	107	12804	9.64	ug/L	98
51) Chlorobenzene	9.12	112	31973	9.37	ug/L	98
52) Ethylbenzene	9.25	91	48896	8.70	ug/L	96
53) m,p-Xylene	9.38	106	18284	8.63	ug/L	93
54) o-xylene	9.78	106	18087	8.60	ug/L	98
55) Styrene	9.79	104	29974	8.43	ug/L	99
56) Isopropylbenzene	10.17	105	44462	8.30	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	20435	9.50	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	15548	9.39	ug/L	98
61) Bromoform	9.96	173	10300	10.23	ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	21507	9.17	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	23791	9.57	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	24390	9.84	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	4037	10.08	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	16406	8.82	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	13455	8.32	ug/L	98
69) Naphthalene	13.74	128	40380	8.15	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	15407	8.79	ug/L	97

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

