

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026636.D
 Acq On : 10 Sep 2018 08:55
 Operator : MD/SY
 Sample : VSTD05050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Sep 11 04:12:53 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	194319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74395	51.37	ug/L	0.00
7) Chloroethane-d5	1.68	69	60314	51.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	132737	51.22	ug/L	0.00
21) 2-Butanone-d5	4.18	46	91992	102.08	ug/L	0.00
24) Chloroform-d	4.65	84	123624	51.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	79560	50.49	ug/L	0.00
32) Benzene-d6	5.34	84	247777	51.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	83156	51.32	ug/L	0.00
41) Toluene-d8	7.57	98	235887	52.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	38798	51.50	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	68402	103.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110532	49.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	93013	49.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	60233	49.24	ug/L	100
3) Chloromethane	1.33	50	81738	50.83	ug/L	100
5) Vinyl chloride	1.40	62	84551	50.89	ug/L	100
6) Bromomethane	1.62	94	48299	49.88	ug/L	100
8) Chloroethane	1.70	64	50958	49.45	ug/L	100
9) Trichlorofluoromethane	1.89	101	106028	50.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	59600	49.95	ug/L	100
12) 1,1-Dichloroethene	2.29	96	57521	50.20	ug/L	100
13) Acetone	2.32	43	105860	103.14	ug/L	100
14) Carbon disulfide	2.48	76	181062	48.65	ug/L	100
15) Methyl Acetate	2.61	43	72278	49.36	ug/L	100
16) Methylene chloride	2.70	84	68494	50.65	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	60946	50.20	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	190113	50.82	ug/L	100
19) 1,1-Dichloroethane	3.45	63	119728	50.85	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	68511	50.10	ug/L	100
22) 2-Butanone	4.26	43	121684	103.55	ug/L	100
23) Bromochloromethane	4.55	128	35963	51.42	ug/L	100
25) Chloroform	4.67	83	118868	50.23	ug/L	100
27) 1,2-Dichloroethane	5.40	62	95157	50.64	ug/L	100
29) Cyclohexane	5.00	56	103320	50.56	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	100031	50.61	ug/L	100
31) Carbon tetrachloride	5.14	117	89833	50.29	ug/L	100
33) Benzene	5.39	78	264681	50.66	ug/L	100
34) Trichloroethene	6.19	95	64405	49.60	ug/L	100
35) Methylcyclohexane	6.42	83	105328	50.67	ug/L	100
37) 1,2-Dichloropropane	6.43	63	74726	51.20	ug/L	100
38) Bromodichloromethane	6.76	83	90563	50.63	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	110324	51.08	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	187552	100.74	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026636.D
 Acq On : 10 Sep 2018 08:55
 Operator : MD/SY
 Sample : VSTD05050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Sep 11 04:12:53 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	277985	51.34	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	102599	51.07	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	65354	50.48	ug/L	100
46) Tetrachloroethene	8.23	164	54220	49.68	ug/L	100
48) 2-Hexanone	8.36	43	163868	104.25	ug/L	100
49) Dibromochloromethane	8.48	129	75386	50.38	ug/L	100
50) 1,2-Dibromoethane	8.59	107	69580	50.24	ug/L	100
51) Chlorobenzene	9.12	112	177645	49.96	ug/L	100
52) Ethylbenzene	9.25	91	300074	51.24	ug/L	100
53) m,p-Xylene	9.38	106	114237	51.74	ug/L	100
54) o-xylene	9.78	106	113034	51.58	ug/L	100
55) Styrene	9.79	104	193529	52.21	ug/L	100
56) Isopropylbenzene	10.17	105	289770	51.91	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	111371	49.66	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	85110	49.29	ug/L	100
61) Bromoform	9.96	173	58288	50.63	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	134908	50.28	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	138333	48.66	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	144040	50.79	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	22753	49.66	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	106362	49.97	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	91583	49.50	ug/L	100
69) Naphthalene	13.74	128	297461	52.47	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	101955	50.88	ug/L	100

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

