

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026772.D
 Acq On : 15 Sep 2018 12:20
 Operator : MD/SY
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01043

Quant Time: Sep 17 04:17:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:13:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	119794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99258	6.11	ug/L	0.00
7) Chloroethane-d5	1.68	69	82951	6.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	191714	6.88	ug/L	0.00
20) 2-Butanone-d5	4.22	46	231046	74.98	ug/L	0.00
24) Chloroform-d	4.65	84	172059	8.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	87977	7.29	ug/L	0.00
32) Benzene-d6	5.34	84	343835	8.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	110436	8.42	ug/L	0.00
41) Toluene-d8	7.57	98	326950	8.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	41406	8.68	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	187556	90.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87073	8.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	123504	8.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	145211	11.06	ug/L	99
3) Chloromethane	1.33	50	145865	8.89	ug/L	99
5) Vinyl chloride	1.40	62	148369	8.97	ug/L	100
6) Bromomethane	1.63	94	77214	9.63	ug/L	97
8) Chloroethane	1.70	64	91216	9.23	ug/L	97
9) Trichlorofluoromethane	1.89	101	183387	9.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	107050	9.18	ug/L	99
12) 1,1-Dichloroethene	2.29	96	100091	9.38	ug/L	96
13) Acetone	2.35	43	188487	80.04	ug/L	99
14) Carbon disulfide	2.48	76	356502	9.12	ug/L	99
15) Methyl Acetate	2.63	43	49808	7.63	ug/L	98
16) Methylene chloride	2.70	84	108512	8.16	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	242848	9.10	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	109542	9.32	ug/L	98
19) 1,1-Dichloroethane	3.45	63	209188	8.76	ug/L	100
21) 2-Butanone	4.30	43	328603	104.41	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	117644	9.72	ug/L	100
23) Bromochloromethane	4.55	128	49989	10.13	ug/L	95
25) Chloroform	4.67	83	196756	8.46	ug/L	99
27) 1,2-Dichloroethane	5.41	62	129046	9.80	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	170695	10.99	ug/L	100
30) Cyclohexane	4.99	56	192932	11.93	ug/L	100
31) Carbon tetrachloride	5.13	117	153690	11.02	ug/L	100
33) Benzene	5.39	78	444138	10.89	ug/L	100
34) Trichloroethene	6.18	95	113371	10.29	ug/L	99
35) Methylcyclohexane	6.41	83	192443	12.10	ug/L	99
37) 1,2-Dichloropropane	6.44	63	119792	10.68	ug/L	100
38) Bromodichloromethane	6.76	83	144971	10.95	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	164063	11.41	ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	740403	116.04	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026772.D
 Acq On : 15 Sep 2018 12:20
 Operator : MD/SY
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01043

Quant Time: Sep 17 04:17:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:13:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	479288	11.58	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	134561	11.44	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	79849	11.21	ug/L	98
47) Tetrachloroethene	8.23	164	100362	11.90	ug/L	95
48) 2-Hexanone	8.38	43	541239	115.43	ug/L	99
49) Dibromochloromethane	8.48	129	100898	11.53	ug/L	97
50) 1,2-Dibromoethane	8.59	107	76476	11.37	ug/L	100
51) Chlorobenzene	9.12	112	301955	11.15	ug/L	99
52) Ethylbenzene	9.25	91	504492	11.59	ug/L	100
53) m,p-xylene	9.38	106	199243	12.26	ug/L	100
54) o-xylene	9.78	106	190505	12.40	ug/L	100
55) Styrene	9.79	104	347758	12.84	ug/L	99
56) Isopropylbenzene	10.17	105	502920	12.38	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	101303	10.88	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	71723	10.96	ug/L	100
61) Bromoform	9.96	173	58569	10.79	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	235081	10.81	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	252274	10.90	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	242861	11.21	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	15458	10.84	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	199790	10.93	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	164476	11.21	ug/L	98
69) Naphthalene	13.75	128	262092	11.92	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	165539	12.13	ug/L	99

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

