

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091618\
 Data File : VU026771.D
 Acq On : 15 Sep 2018 11:54
 Operator : MD/SY
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Sep 17 04:17:30 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	132545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47239	2.92	ug/L	0.00
7) Chloroethane-d5	1.68	69	38683	3.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	92708	3.35	ug/L	0.00
20) 2-Butanone-d5	4.22	46	112222	36.63	ug/L	0.00
24) Chloroform-d	4.65	84	84781	4.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	42996	3.58	ug/L	0.00
32) Benzene-d6	5.34	84	166272	4.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	53492	4.18	ug/L	0.00
41) Toluene-d8	7.57	98	153198	4.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	19496	4.18	ug/L	0.00
46) 2-Hexanone-d5	8.33	63	80890	39.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41853	4.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	56671	4.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	73276	5.610	ug/L 100
3) Chloromethane	1.33	50	72440	4.438	ug/L 100
5) Vinyl chloride	1.40	62	73596	4.476	ug/L 100
6) Bromomethane	1.63	94	36700	4.603	ug/L 100
8) Chloroethane	1.70	64	45212	4.602	ug/L 100
9) Trichlorofluoromethane	1.89	101	92389	4.678	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53968	4.652	ug/L 100
12) 1,1-Dichloroethene	2.29	96	49015	4.619	ug/L 100
13) Acetone	2.35	43	96128	41.049	ug/L 100
14) Carbon disulfide	2.48	76	172982	4.448	ug/L 100
15) Methyl Acetate	2.63	43	25394	3.910	ug/L 100
16) Methylene chloride	2.70	84	55400	4.188	ug/L 100
17) Methyl tert-butyl Ether	3.01	73	122258	4.606	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	54579	4.670	ug/L 100
19) 1,1-Dichloroethane	3.45	63	101873	4.290	ug/L 100
21) 2-Butanone	4.31	43	166542	53.213	ug/L 100
22) cis-1,2-Dichloroethene	4.23	96	58922	4.895	ug/L 100
23) Bromochloromethane	4.55	128	25406	5.176	ug/L 100
25) Chloroform	4.68	83	100020	4.322	ug/L 100
27) 1,2-Dichloroethane	5.41	62	64937	4.957	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	86326	5.692	ug/L 100
30) Cyclohexane	4.99	56	95495	6.048	ug/L 100
31) Carbon tetrachloride	5.13	117	75996	5.580	ug/L 100
33) Benzene	5.39	78	223215	5.607	ug/L 100
34) Trichloroethene	6.18	95	56432	5.244	ug/L 100
35) Methylcyclohexane	6.41	83	92010	5.923	ug/L 100
37) 1,2-Dichloropropane	6.44	63	59870	5.468	ug/L 100
38) Bromodichloromethane	6.76	83	71220	5.508	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	79216	5.640	ug/L 100
40) 4-Methyl-2-pentanone	7.48	43	361444	58.012	ug/L 100

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42) Toluene	7.64	91	227404	5.628	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	63747	5.551	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	40276	5.789	ug/L	100
47) Tetrachloroethene	8.23	164	48274	5.862	ug/L	100
48) 2-Hexanone	8.38	43	263497	57.554	ug/L	100
49) Dibromochloromethane	8.48	129	49298	5.771	ug/L	100
50) 1,2-Dibromoethane	8.59	107	37134	5.654	ug/L	100
51) Chlorobenzene	9.12	112	147915	5.593	ug/L	100
52) Ethylbenzene	9.25	91	229571	5.399	ug/L	100
53) m,p-xylene	9.38	106	91678	5.780	ug/L	100
54) o-xylene	9.78	106	86810	5.787	ug/L	100
55) Styrene	9.79	104	160014	6.051	ug/L	100
56) Isopropylbenzene	10.17	105	224013	5.646	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	51129	5.623	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	35887	5.617	ug/L	100
61) Bromoform	9.96	173	28456	5.765	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	108918	5.508	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	120704	5.732	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	113253	5.747	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	7294	5.626	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	91137	5.481	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	73376	5.500	ug/L	100
69) Naphthalene	13.75	128	104410	5.223	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	73618	5.932	ug/L	100

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

