

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027665.D
 Acq On : 17 Oct 2018 08:38
 Operator : MD/SY
 Sample : VSTD00142
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00142

Quant Time: Oct 19 05:51:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:48:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	91559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	87846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	7058	0.97	ug/L	0.00
7) Chloroethane-d5	1.68	69	5049	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	12256	0.95	ug/L	0.00
20) 2-Butanone-d5	4.22	46	19341	9.35	ug/L	0.00
24) Chloroform-d	4.65	84	10410	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	6710	1.05	ug/L	0.00
32) Benzene-d6	5.34	84	22220	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	8013	0.96	ug/L	0.00
41) Toluene-d8	7.57	98	21846	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	3716	1.01	ug/L	0.00
46) 2-Hexanone-d5	8.33	63	17047	9.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	6221	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7576	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	7460	0.998	ug/L 94
3) Chloromethane	1.33	50	8716	0.979	ug/L 98
5) Vinyl chloride	1.40	62	8409	0.941	ug/L 95
6) Bromomethane	1.64	94	4465	0.932	ug/L 94
8) Chloroethane	1.70	64	4970	0.965	ug/L 97
9) Trichlorofluoromethane	1.89	101	9916	0.961	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6063	0.974	ug/L 98
12) 1,1-Dichloroethene	2.29	96	6061	0.978	ug/L 78
13) Acetone	2.36	43	13177	9.960	ug/L 88
14) Carbon disulfide	2.48	76	20564	0.958	ug/L 96
15) Methyl Acetate	2.63	43	3979	1.126	ug/L 98
16) Methylene chloride	2.71	84	6938	1.027	ug/L 91
17) Methyl tert-butyl Ether	3.01	73	16973	0.991	ug/L 99
18) trans-1,2-Dichloroethene	2.99	96	6520	0.990	ug/L 94
19) 1,1-Dichloroethane	3.45	63	13078	0.998	ug/L 98
21) 2-Butanone	4.31	43	22945	9.981	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	7079	0.971	ug/L # 99
23) Bromochloromethane	4.56	128	3285	1.001	ug/L 95
25) Chloroform	4.68	83	12781	1.010	ug/L 98
27) 1,2-Dichloroethane	5.41	62	7740	0.966	ug/L # 91
29) 1,1,1-Trichloroethane	4.92	97	9917	0.921	ug/L 93
30) Cyclohexane	4.99	56	12926	0.955	ug/L 96
31) Carbon tetrachloride	5.13	117	9304	0.954	ug/L 100
33) Benzene	5.39	78	28131	0.979	ug/L 100
34) Trichloroethene	6.18	95	7337	0.986	ug/L 94
35) Methylcyclohexane	6.41	83	11677	0.911	ug/L 93
37) 1,2-Dichloropropane	6.44	63	8225	0.996	ug/L 99
38) Bromodichloromethane	6.76	83	9083	0.947	ug/L # 90
39) cis-1,3-Dichloropropene	7.27	75	11646	0.970	ug/L 99
40) 4-Methyl-2-pentanone	7.48	43	53704	9.638	ug/L 99

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42) Toluene	7.64	91	30580	0.990	ug/L	95
44) trans-1,3-Dichloropropene	7.89	75	9159	0.924	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	5074	0.956	ug/L	92
47) Tetrachloroethene	8.23	164	5473	0.921	ug/L	98
48) 2-Hexanone	8.38	43	38485	9.640	ug/L	99
49) Dibromochloromethane	8.48	129	6328	0.959	ug/L	97
50) 1,2-Dibromoethane	8.59	107	4800	0.965	ug/L #	94
51) Chlorobenzene	9.12	112	18056	0.953	ug/L	97
52) Ethylbenzene	9.25	91	33009	0.964	ug/L	97
53) m,p-xylene	9.38	106	12493	0.981	ug/L	96
54) o-xylene	9.78	106	11770	0.941	ug/L	95
55) Styrene	9.80	104	19717	0.938	ug/L	98
56) Isopropylbenzene	10.17	105	31641	0.951	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	6597	0.950	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	4603	0.970	ug/L	92
61) Bromoform	9.96	173	3840	1.001	ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	13940	0.981	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	14020	0.983	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	13436	0.984	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	1097	0.976	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	11095	0.962	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	9391	0.944	ug/L	99
69) Naphthalene	13.75	128	15710	0.945	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	9207	0.991	ug/L	99

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

