

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027668.D
 Acq On : 17 Oct 2018 09:56
 Operator : MD/SY
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02045

Quant Time: Oct 19 05:52:08 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	89839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135331	18.98	ug/L	0.00
7) Chloroethane-d5	1.68	69	106311	19.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	248994	19.63	ug/L	0.00
20) 2-Butanone-d5	4.22	46	398583	196.35	ug/L	0.00
24) Chloroform-d	4.65	84	225381	20.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	117264	18.79	ug/L	0.00
32) Benzene-d6	5.34	84	468476	20.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	161217	20.12	ug/L	0.00
41) Toluene-d8	7.57	98	449492	20.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	69136	19.57	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	350087	202.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118712	19.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	166145	19.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	137383	18.735	ug/L 98
3) Chloromethane	1.33	50	169217	19.379	ug/L 98
5) Vinyl chloride	1.40	62	170845	19.488	ug/L 99
6) Bromomethane	1.63	94	91322	19.422	ug/L 100
8) Chloroethane	1.70	64	97527	19.299	ug/L 98
9) Trichlorofluoromethane	1.89	101	198189	19.584	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	118216	19.358	ug/L 98
12) 1,1-Dichloroethene	2.29	96	115534	19.002	ug/L 91
13) Acetone	2.36	43	235084	181.089	ug/L 97
14) Carbon disulfide	2.48	76	409312	19.438	ug/L 99
15) Methyl Acetate	2.63	43	64131	18.501	ug/L 97
16) Methylene chloride	2.70	84	125413	18.911	ug/L 98
17) Methyl tert-butyl Ether	3.01	73	322214	19.170	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	125305	19.387	ug/L 99
19) 1,1-Dichloroethane	3.45	63	244939	19.041	ug/L 98
21) 2-Butanone	4.31	43	426501	189.082	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	140591	19.653	ug/L # 97
23) Bromochloromethane	4.55	128	58579	18.184	ug/L 99
25) Chloroform	4.68	83	231509	18.649	ug/L 96
27) 1,2-Dichloroethane	5.41	62	148323	18.874	ug/L 96
29) 1,1,1-Trichloroethane	4.92	97	203178	19.657	ug/L 99
30) Cyclohexane	4.99	56	255484	19.668	ug/L 98
31) Carbon tetrachloride	5.13	117	181163	19.350	ug/L 100
33) Benzene	5.39	78	534108	19.357	ug/L 100
34) Trichloroethene	6.18	95	140908	19.729	ug/L 99
35) Methylcyclohexane	6.41	83	251289	20.417	ug/L 98
37) 1,2-Dichloropropane	6.44	63	152028	19.189	ug/L 100
38) Bromodichloromethane	6.76	83	177138	19.240	ug/L 95
39) cis-1,3-Dichloropropene	7.27	75	231109	20.058	ug/L 100
40) 4-Methyl-2-pentanone	7.48	43	1037665	194.026	ug/L 99

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42) Toluene	7.64	91	579832	19.560	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	189724	19.952	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	95102	18.666	ug/L	99
47) Tetrachloroethene	8.23	164	112048	19.651	ug/L	97
48) 2-Hexanone	8.38	43	747781	195.156	ug/L	99
49) Dibromochloromethane	8.48	129	125232	19.780	ug/L	100
50) 1,2-Dibromoethane	8.59	107	93135	19.506	ug/L	100
51) Chlorobenzene	9.12	112	360136	19.798	ug/L	98
52) Ethylbenzene	9.25	91	651970	19.842	ug/L	99
53) m,p-xylene	9.38	106	245593	20.087	ug/L	96
54) o-xylene	9.78	106	239821	19.980	ug/L	95
55) Styrene	9.79	104	408567	20.243	ug/L	97
56) Isopropylbenzene	10.17	105	638707	20.011	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	122156	18.329	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	89668	19.693	ug/L	98
61) Bromoform	9.96	173	76511	18.737	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	293683	19.409	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	290383	19.136	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	274076	18.856	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	23049	19.261	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	239918	19.533	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	214703	20.279	ug/L	99
69) Naphthalene	13.74	128	358199	20.237	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	194728	19.692	ug/L	100

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

