

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027667.D
 Acq On : 17 Oct 2018 09:30
 Operator : MD/SY
 Sample : VSTD01044
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01044

Quant Time: Oct 19 05:51:48 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	87924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66629	9.55	ug/L	0.00
7) Chloroethane-d5	1.68	69	52483	9.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	120512	9.71	ug/L	0.00
20) 2-Butanone-d5	4.22	46	191809	96.54	ug/L	0.00
24) Chloroform-d	4.65	84	108404	9.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	57600	9.43	ug/L	0.00
32) Benzene-d6	5.34	84	228305	9.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	77629	9.71	ug/L	0.00
41) Toluene-d8	7.57	98	217528	9.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	33092	9.39	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	168325	97.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57438	9.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	80291	9.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	67533	9.410 ug/L	100
3) Chloromethane	1.33	50	82726	9.680 ug/L	99
5) Vinyl chloride	1.40	62	84619	9.862 ug/L	99
6) Bromomethane	1.63	94	44702	9.714 ug/L	99
8) Chloroethane	1.70	64	47670	9.639 ug/L	96
9) Trichlorofluoromethane	1.89	101	96733	9.767 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58119	9.724 ug/L	98
12) 1,1-Dichloroethene	2.29	96	56358	9.471 ug/L	94
13) Acetone	2.35	43	117012	92.099 ug/L	99
14) Carbon disulfide	2.48	76	202845	9.843 ug/L	99
15) Methyl Acetate	2.63	43	31008	9.140 ug/L	98
16) Methylene chloride	2.70	84	62741	9.667 ug/L	95
17) Methyl tert-butyl Ether	3.01	73	159770	9.712 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	61655	9.747 ug/L	98
19) 1,1-Dichloroethane	3.45	63	122425	9.724 ug/L	97
21) 2-Butanone	4.31	43	211914	95.995 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	68363	9.764 ug/L	# 96
23) Bromochloromethane	4.55	128	28856	9.152 ug/L	97
25) Chloroform	4.68	83	115857	9.536 ug/L	99
27) 1,2-Dichloroethane	5.41	62	73629	9.573 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	100862	9.784 ug/L	99
30) Cyclohexane	4.99	56	125584	9.694 ug/L	99
31) Carbon tetrachloride	5.13	117	89581	9.594 ug/L	99
33) Benzene	5.39	78	263202	9.564 ug/L	100
34) Trichloroethene	6.18	95	69656	9.779 ug/L	99
35) Methylcyclohexane	6.41	83	124167	10.115 ug/L	98
37) 1,2-Dichloropropane	6.44	63	75935	9.610 ug/L	100
38) Bromodichloromethane	6.76	83	88403	9.627 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	113519	9.878 ug/L	98
40) 4-Methyl-2-pentanone	7.48	43	511913	95.972 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	287731	9.732	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	94665	9.982	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	48201	9.485	ug/L	98
47) Tetrachloroethene	8.23	164	55852	9.821	ug/L	95
48) 2-Hexanone	8.38	43	370844	97.038	ug/L	99
49) Dibromochloromethane	8.48	129	60898	9.644	ug/L	98
50) 1,2-Dibromoethane	8.59	107	46170	9.695	ug/L	100
51) Chlorobenzene	9.12	112	177948	9.808	ug/L	99
52) Ethylbenzene	9.25	91	321195	9.801	ug/L	97
53) m,p-xylene	9.38	106	119596	9.807	ug/L	97
54) o-xylene	9.78	106	117072	9.779	ug/L	97
55) Styrene	9.79	104	199322	9.902	ug/L	98
56) Isopropylbenzene	10.17	105	313070	9.835	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60629	9.121	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	44250	9.744	ug/L	98
61) Bromoform	9.96	173	36865	9.539	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	141660	9.892	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	141838	9.876	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	133875	9.732	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	10988	9.702	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	115735	9.956	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	102625	10.242	ug/L	99
69) Naphthalene	13.74	128	171775	10.254	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	93536	9.994	ug/L	100

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

