

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122818\
 Data File : VU028969.D
 Acq On : 27 Dec 2018 16:51
 Operator : MD/SY
 Sample : VSTD01044
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01044

Quant Time: Dec 28 02:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 28 02:05:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	135211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70982	9.81	ug/L	0.00
7) Chloroethane-d5	1.68	69	63839	10.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	148311	9.68	ug/L	0.00
20) 2-Butanone-d5	4.19	46	201004	106.28	ug/L	0.00
24) Chloroform-d	4.65	84	142739	10.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	70124	9.77	ug/L	0.00
32) Benzene-d6	5.34	84	296491	9.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	97157	10.01	ug/L	0.00
41) Toluene-d8	7.56	98	276680	9.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	37242	10.21	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	171634	103.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77673	10.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	106468	9.67	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	112876	9.532	ug/L 99
3) Chloromethane	1.32	50	125564	9.502	ug/L 100
5) Vinyl chloride	1.40	62	129329	9.579	ug/L 98
6) Bromomethane	1.62	94	58734	9.397	ug/L 98
8) Chloroethane	1.70	64	74929	9.725	ug/L 99
9) Trichlorofluoromethane	1.88	101	144713	9.373	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	92722	9.306	ug/L 99
12) 1,1-Dichloroethene	2.29	96	89862	9.276	ug/L 99
13) Acetone	2.32	43	141871	92.935	ug/L 99
14) Carbon disulfide	2.48	76	324047	9.573	ug/L 99
15) Methyl Acetate	2.62	43	38820	8.679	ug/L 99
16) Methylene chloride	2.70	84	106349	7.668	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	226391	9.517	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	97226	9.142	ug/L 98
19) 1,1-Dichloroethane	3.44	63	172468	9.551	ug/L 98
21) 2-Butanone	4.28	43	229149	100.332	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	105519	9.590	ug/L 97
23) Bromochloromethane	4.55	128	43220	9.680	ug/L 95
25) Chloroform	4.67	83	164954	9.614	ug/L 100
27) 1,2-Dichloroethane	5.40	62	98429	9.698	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	133976	9.394	ug/L 99
30) Cyclohexane	4.99	56	159574	9.338	ug/L 99
31) Carbon tetrachloride	5.13	117	108889	9.589	ug/L 97
33) Benzene	5.39	78	391827	9.436	ug/L 100
34) Trichloroethene	6.18	95	99485	9.370	ug/L 97
35) Methylcyclohexane	6.41	83	170508	9.349	ug/L 100
37) 1,2-Dichloropropane	6.43	63	100114	9.464	ug/L 99
38) Bromodichloromethane	6.76	83	114531	9.616	ug/L 98
39) cis-1,3-Dichloropropene	7.27	75	145993	9.625	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	553431	98.316	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	414945	9.335	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	116594	9.864	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	68032	9.450	ug/L	96
47) Tetrachloroethene	8.22	164	82538	9.386	ug/L	98
48) 2-Hexanone	8.36	43	389066	99.919	ug/L	100
49) Dibromochloromethane	8.48	129	74339	9.726	ug/L	100
50) 1,2-Dibromoethane	8.58	107	65866	9.781	ug/L	98
51) Chlorobenzene	9.12	112	261928	9.395	ug/L	98
52) Ethylbenzene	9.25	91	454178	9.631	ug/L	98
53) m,p-xylene	9.37	106	174306	9.713	ug/L	98
54) o-xylene	9.78	106	168183	9.655	ug/L	100
55) Styrene	9.79	104	287755	9.925	ug/L	99
56) Isopropylbenzene	10.16	105	443057	9.644	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	84466	9.584	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	59740	9.687	ug/L	99
61) Bromoform	9.96	173	42816	9.537	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	211028	9.489	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	210680	9.283	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	196859	9.353	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11980	9.641	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	166798	9.692	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	145646	10.155	ug/L	99
69) Naphthalene	13.74	128	255789	10.427	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	133360	9.749	ug/L	99

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

