

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122818\
 Data File : VU028967.D
 Acq On : 27 Dec 2018 16:04
 Operator : MD/SY
 Sample : VSTD00142
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00142

Quant Time: Dec 28 02:09:06 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	111789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	103049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6341	1.06	ug/L	0.00
7) Chloroethane-d5	1.68	69	5653	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	14959	1.18	ug/L	0.00
20) 2-Butanone-d5	4.20	46	15827	10.12	ug/L	0.00
24) Chloroform-d	4.65	84	12804	1.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	6680	1.13	ug/L	0.00
32) Benzene-d6	5.34	84	26557	1.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	8404	1.09	ug/L	0.00
41) Toluene-d8	7.57	98	24493	1.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3199	1.10	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	14076	10.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6787	1.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	9215	1.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	12147	1.241	ug/L 100
3) Chloromethane	1.33	50	13062	1.196	ug/L 98
5) Vinyl chloride	1.40	62	13519	1.211	ug/L 95
6) Bromomethane	1.63	94	6407	1.240	ug/L 94
8) Chloroethane	1.70	64	7551	1.185	ug/L 93
9) Trichlorofluoromethane	1.89	101	15493	1.214	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	10243	1.243	ug/L 99
12) 1,1-Dichloroethene	2.29	96	9786	1.222	ug/L 94
13) Acetone	2.32	43	15444	12.237	ug/L 98
14) Carbon disulfide	2.48	76	32493	1.161	ug/L 100
15) Methyl Acetate	2.62	43	4565	1.234	ug/L 100
16) Methylene chloride	2.70	84	16017	1.397	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	24284	1.235	ug/L 97
18) trans-1,2-Dichloroethene	2.98	96	10901	1.240	ug/L 95
19) 1,1-Dichloroethane	3.45	63	18429	1.234	ug/L 96
21) 2-Butanone	4.28	43	22175	11.744	ug/L 100
22) cis-1,2-Dichloroethene	4.23	96	10622	1.168	ug/L 98
23) Bromochloromethane	4.55	128	4484	1.215	ug/L 94
25) Chloroform	4.67	83	16774	1.183	ug/L 97
27) 1,2-Dichloroethane	5.41	62	10193	1.215	ug/L 98
29) 1,1,1-Trichloroethane	4.92	97	13915	1.229	ug/L 98
30) Cyclohexane	4.99	56	16781	1.238	ug/L 100
31) Carbon tetrachloride	5.13	117	10670	1.184	ug/L 96
33) Benzene	5.39	78	40061	1.216	ug/L 100
34) Trichloroethene	6.19	95	10340	1.227	ug/L 97
35) Methylcyclohexane	6.41	83	17832	1.232	ug/L 99
37) 1,2-Dichloropropane	6.43	63	10207	1.216	ug/L # 96
38) Bromodichloromethane	6.76	83	11318	1.198	ug/L 98
39) cis-1,3-Dichloropropene	7.27	75	14222	1.182	ug/L 94
40) 4-Methyl-2-pentanone	7.47	43	52920	11.847	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	43157	1.224	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	10974	1.170	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	6912	1.210	ug/L	98
47) Tetrachloroethene	8.23	164	8508	1.219	ug/L	94
48) 2-Hexanone	8.37	43	36401	11.781	ug/L	97
49) Dibromochloromethane	8.48	129	7093	1.169	ug/L	99
50) 1,2-Dibromoethane	8.59	107	6286	1.176	ug/L #	97
51) Chlorobenzene	9.12	112	26938	1.218	ug/L	98
52) Ethylbenzene	9.25	91	43666	1.167	ug/L	99
53) m,p-xylene	9.37	106	16728	1.175	ug/L	96
54) o-xylene	9.78	106	16727	1.210	ug/L	95
55) Styrene	9.79	104	26565	1.155	ug/L	100
56) Isopropylbenzene	10.17	105	43912	1.205	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	8138	1.164	ug/L #	96
59) 1,2,3-Trichloropropane	10.49	75	5903	1.206	ug/L	98
61) Bromoform	9.95	173	4017	1.154	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	20042	1.162	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	20683	1.175	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	19277	1.181	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	1125	1.167	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	15677	1.175	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	12383	1.113	ug/L	100
69) Naphthalene	13.75	128	20623	1.084	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	12647	1.192	ug/L	95

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

