

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028113.D
 Acq On : 14 Nov 2018 11:15
 Operator : MD/SY
 Sample : VSTD01047
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01047

Quant Time: Nov 15 04:07:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:03:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	180375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149870	10.01	ug/L	0.00
7) Chloroethane-d5	1.68	69	119982	10.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	278454	9.96	ug/L	0.00
20) 2-Butanone-d5	4.21	46	446836	102.93	ug/L	0.00
24) Chloroform-d	4.65	84	240781	10.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	129549	9.75	ug/L	0.00
32) Benzene-d6	5.34	84	498482	10.23	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	174386	10.00	ug/L	0.00
41) Toluene-d8	7.57	98	452501	9.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	66840	10.75	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	373332	105.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126014	10.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	155344	9.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	152356	9.576	ug/L 98
3) Chloromethane	1.33	50	201341	9.901	ug/L 98
5) Vinyl chloride	1.40	62	189172	9.791	ug/L 99
6) Bromomethane	1.63	94	94049	10.163	ug/L 100
8) Chloroethane	1.70	64	109435	9.409	ug/L 98
9) Trichlorofluoromethane	1.89	101	206532	9.800	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	116149	9.817	ug/L 97
12) 1,1-Dichloroethene	2.29	96	116438	9.709	ug/L 95
13) Acetone	2.35	43	277108	94.778	ug/L 99
14) Carbon disulfide	2.48	76	386993	9.623	ug/L 98
15) Methyl Acetate	2.63	43	73084	9.347	ug/L 97
16) Methylene chloride	2.70	84	127881	9.025	ug/L 98
17) Methyl tert-butyl Ether	3.01	73	323960	9.662	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	121335	9.516	ug/L 99
19) 1,1-Dichloroethane	3.45	63	260228	9.704	ug/L 98
21) 2-Butanone	4.30	43	460262	99.750	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	139103	9.895	ug/L 98
23) Bromochloromethane	4.55	128	54964	9.894	ug/L 94
25) Chloroform	4.68	83	235326	9.784	ug/L 99
27) 1,2-Dichloroethane	5.41	62	153464	9.707	ug/L 99
29) 1,1,1-Trichloroethane	4.92	97	191496	9.967	ug/L 99
30) Cyclohexane	4.99	56	265381	9.850	ug/L 99
31) Carbon tetrachloride	5.13	117	160399	10.059	ug/L 99
33) Benzene	5.39	78	558549	9.767	ug/L 100
34) Trichloroethene	6.19	95	136862	9.683	ug/L 98
35) Methylcyclohexane	6.41	83	238500	9.815	ug/L 98
37) 1,2-Dichloropropane	6.44	63	156511	9.896	ug/L 99
38) Bromodichloromethane	6.76	83	167257	9.939	ug/L 97
39) cis-1,3-Dichloropropene	7.27	75	220324	10.304	ug/L 97
40) 4-Methyl-2-pentanone	7.47	43	1092006	100.267	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	587398	9.961	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	169895	10.140	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	94781	9.927	ug/L	99
47) Tetrachloroethene	8.23	164	100432	8.740	ug/L	95
48) 2-Hexanone	8.37	43	780716	100.746	ug/L	99
49) Dibromochloromethane	8.48	129	102536	10.088	ug/L	100
50) 1,2-Dibromoethane	8.59	107	90887	10.110	ug/L	98
51) Chlorobenzene	9.12	112	337002	9.774	ug/L	98
52) Ethylbenzene	9.25	91	643812	10.003	ug/L	99
53) m,p-xylene	9.38	106	230973	9.850	ug/L	99
54) o-xylene	9.78	106	226781	10.045	ug/L	97
55) Styrene	9.79	104	387659	10.154	ug/L	98
56) Isopropylbenzene	10.17	105	609972	9.989	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	122457	9.950	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	88537	9.967	ug/L	99
61) Bromoform	9.96	173	54727	9.727	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	258122	9.810	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	259196	9.732	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	243837	9.691	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	19285	10.563	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	202262	10.021	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	177323	10.079	ug/L	98
69) Naphthalene	13.74	128	334922	10.215	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	163336	10.078	ug/L	99

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

