

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028114.D
 Acq On : 14 Nov 2018 11:39
 Operator : MD/SY
 Sample : VSTD02048
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02048

Quant Time: Nov 15 04:07:43 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	175420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	325061	22.33	ug/L	0.00
7) Chloroethane-d5	1.68	69	260696	22.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	596214	21.93	ug/L	0.00
20) 2-Butanone-d5	4.20	46	961280	227.69	ug/L	0.00
24) Chloroform-d	4.65	84	528384	22.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	284269	21.99	ug/L	0.00
32) Benzene-d6	5.34	84	1086342	22.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	382374	22.23	ug/L	0.00
41) Toluene-d8	7.57	98	985470	22.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	146524	23.90	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	824895	235.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280508	23.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	346897	22.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	336210	21.729	ug/L 100
3) Chloromethane	1.33	50	423855	21.431	ug/L 100
5) Vinyl chloride	1.41	62	411644	21.908	ug/L 98
6) Bromomethane	1.63	94	205450	22.828	ug/L 100
8) Chloroethane	1.70	64	234219	20.706	ug/L 98
9) Trichlorofluoromethane	1.89	101	442419	21.586	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	253255	22.010	ug/L 96
12) 1,1-Dichloroethene	2.29	96	248259	21.285	ug/L 96
13) Acetone	2.34	43	568547	199.950	ug/L 100
14) Carbon disulfide	2.48	76	849734	21.727	ug/L 99
15) Methyl Acetate	2.63	43	155300	20.423	ug/L 99
16) Methylene chloride	2.70	84	274980	19.954	ug/L 98
17) Methyl tert-butyl Ether	3.01	73	694742	21.305	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	259061	20.891	ug/L 99
19) 1,1-Dichloroethane	3.45	63	561322	21.524	ug/L 100
21) 2-Butanone	4.29	43	983738	219.222	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	302021	22.090	ug/L 99
23) Bromochloromethane	4.55	128	119073	22.040	ug/L 97
25) Chloroform	4.67	83	511966	21.886	ug/L 98
27) 1,2-Dichloroethane	5.41	62	339344	22.070	ug/L 99
29) 1,1,1-Trichloroethane	4.92	97	417109	22.007	ug/L 99
30) Cyclohexane	4.99	56	579915	21.820	ug/L 99
31) Carbon tetrachloride	5.13	117	353005	22.442	ug/L 99
33) Benzene	5.39	78	1214512	21.529	ug/L 100
34) Trichloroethene	6.19	95	303439	21.763	ug/L 98
35) Methylcyclohexane	6.41	83	523012	21.820	ug/L 99
37) 1,2-Dichloropropane	6.43	63	338566	21.702	ug/L 99
38) Bromodichloromethane	6.76	83	371512	22.381	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	487245	23.100	ug/L 97
40) 4-Methyl-2-pentanone	7.47	43	2396406	223.061	ug/L 100

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42) Toluene	7.64	91	1273557	21.894	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	378348	22.891	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	205705	21.840	ug/L	99
47) Tetrachloroethene	8.23	164	216274	19.079	ug/L	96
48) 2-Hexanone	8.37	43	1721046	225.142	ug/L	100
49) Dibromochloromethane	8.48	129	233379	23.275	ug/L	99
50) 1,2-Dibromoethane	8.59	107	198072	22.336	ug/L	99
51) Chlorobenzene	9.12	112	733251	21.558	ug/L	98
52) Ethylbenzene	9.25	91	1425093	22.446	ug/L	100
53) m,p-xylene	9.38	106	511992	22.134	ug/L	96
54) o-xylene	9.78	106	504884	22.671	ug/L	99
55) Styrene	9.79	104	870511	23.115	ug/L	99
56) Isopropylbenzene	10.17	105	1351251	22.432	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	270221	22.258	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	191945	21.905	ug/L	99
61) Bromoform	9.96	173	128122	22.654	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	581368	21.982	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	577414	21.568	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	537961	21.271	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	42758	23.300	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	452412	22.299	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	406423	22.982	ug/L	99
69) Naphthalene	13.74	128	774376	23.497	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	370044	22.716	ug/L	98

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

