

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112119\
 Data File : VU035796.D
 Acq On : 21 Nov 2019 11:05
 Operator : JC/SP
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Nov 21 17:09:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 17:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265269	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	168133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	340582	11.81	ug/L	0.00
7) Chloroethane-d5	1.93	69	292177	12.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	627308	12.62	ug/L	0.00
20) 2-Butanone-d5	4.70	46	850089	132.36	ug/L	0.00
24) Chloroform-d	5.11	84	585076	12.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	322384	13.01	ug/L	0.00
32) Benzene-d6	5.77	84	1155168	11.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	380378	11.98	ug/L	0.00
41) Toluene-d8	7.93	98	1107494	12.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	154001	12.26	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	695072	141.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	318802	12.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	355870	10.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	348367	11.640 ug/L	99
3) Chloromethane	1.53	50	410166	11.631 ug/L	100
5) Vinyl chloride	1.62	62	420957	11.731 ug/L	99
6) Bromomethane	1.87	94	216287	10.833 ug/L	95
8) Chloroethane	1.95	64	246711	11.947 ug/L	98
9) Trichlorofluoromethane	2.16	101	491216	11.317 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	277972	10.964 ug/L	98
12) 1,1-Dichloroethene	2.61	96	262138	10.821 ug/L	97
13) Acetone	2.67	43	614112	126.999 ug/L	98
14) Carbon disulfide	2.82	76	866653	10.999 ug/L	100
15) Methyl Acetate	2.99	43	139310	12.737 ug/L	96
16) Methylene chloride	3.08	84	299105	10.409 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	663274	11.589 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	265391	10.733 ug/L	99
19) 1,1-Dichloroethane	3.92	63	581321	12.121 ug/L	100
21) 2-Butanone	4.77	43	905414	130.574 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	302886	11.087 ug/L	97
23) Bromochloromethane	5.02	128	128425	10.031 ug/L	96
25) Chloroform	5.14	83	568792	11.053 ug/L	100
27) 1,2-Dichloroethane	5.84	62	377298	12.834 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	461761	11.436 ug/L	99
30) Cyclohexane	5.43	56	487014	12.060 ug/L	99
31) Carbon tetrachloride	5.57	117	401105	11.131 ug/L	99
33) Benzene	5.82	78	1233605	11.403 ug/L	100
34) Trichloroethene	6.58	95	293226	10.743 ug/L	97
35) Methylcyclohexane	6.80	83	468383	11.443 ug/L	96
37) 1,2-Dichloropropane	6.83	63	340673	11.797 ug/L	99
38) Bromodichloromethane	7.14	83	405795	11.639 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	465814	11.517 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	2229696	132.201 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1312529	11.582	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	388429	11.938	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	221317	10.937	ug/L	98
47) Tetrachloroethene	8.58	164	226628	9.862	ug/L	97
48) 2-Hexanone	8.73	43	1578684	130.227	ug/L	93
49) Dibromochloromethane	8.84	129	267642	10.822	ug/L	97
50) 1,2-Dibromoethane	8.96	107	206917	10.841	ug/L	96
51) Chlorobenzene	9.48	112	765731	10.540	ug/L	99
52) Ethylbenzene	9.60	91	1383999	11.719	ug/L	99
53) m,p-Xylene	9.72	106	522710	11.827	ug/L	97
54) o-Xylene	10.13	106	492988	11.572	ug/L	93
55) Styrene	10.14	104	855578	12.038	ug/L	99
56) Isopropylbenzene	10.51	105	1316610	11.653	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	303127	11.384	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	219765	11.571	ug/L	100
61) Bromoform	10.32	173	148515	9.668	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	578381	10.108	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	570636	10.343	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	553401	10.344	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	40940	11.508	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	364935	10.037	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	214724	9.827	ug/L	99
69) Naphthalene	14.11	128	299744	11.029	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	211457	10.023	ug/L	99

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

