

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035941.D
 Acq On : 03 Dec 2019 11:19
 Operator : JC/SP
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Dec 03 18:02:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 03 17:59:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	313165	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	326005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36411	1.11	ug/L	0.00
7) Chloroethane-d5	1.93	69	27959	1.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	51058	0.96	ug/L	0.00
20) 2-Butanone-d5	4.70	46	53031	7.62	ug/L	0.00
24) Chloroform-d	5.11	84	49036	0.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	25673	0.97	ug/L	0.00
32) Benzene-d6	5.77	84	89456	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	30787	0.95	ug/L	0.00
41) Toluene-d8	7.93	98	78088	0.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	12049	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	33210	6.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	24070	0.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	25094	1.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	29530	0.883 ug/L	96
3) Chloromethane	1.54	50	35352	0.923 ug/L	98
5) Vinyl chloride	1.62	62	35306	0.899 ug/L	92
6) Bromomethane	1.87	94	20476	0.915 ug/L	90
8) Chloroethane	1.95	64	22532	0.996 ug/L	94
9) Trichlorofluoromethane	2.16	101	41370	0.869 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	23491	0.844 ug/L	96
12) 1,1-Dichloroethene	2.60	96	20569	0.772 ug/L #	84
13) Acetone	2.69	43	61571	11.949 ug/L	88
14) Carbon disulfide	2.82	76	74059	0.854 ug/L	99
15) Methyl Acetate	3.00	43	8912	0.764 ug/L	100
16) Methylene chloride	3.08	84	36041	1.128 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	44640	0.721 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	21590	0.788 ug/L	95
19) 1,1-Dichloroethane	3.92	63	43617	0.851 ug/L	96
21) 2-Butanone	4.79	43	61493	8.184 ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	22446	0.749 ug/L	99
23) Bromochloromethane	5.02	128	10499	0.738 ug/L	90
25) Chloroform	5.13	83	44337	0.796 ug/L	99
27) 1,2-Dichloroethane	5.84	62	27110	0.864 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	37222	0.887 ug/L	95
30) Cyclohexane	5.43	56	29601	0.705 ug/L	97
31) Carbon tetrachloride	5.57	117	33128	0.881 ug/L	97
33) Benzene	5.82	78	89496	0.795 ug/L	100
34) Trichloroethene	6.58	95	23032	0.807 ug/L	99
35) Methylcyclohexane	6.80	83	29493	0.678 ug/L	94
37) 1,2-Dichloropropane	6.83	63	25016	0.843 ug/L #	97
38) Bromodichloromethane	7.14	83	30418	0.846 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	27599	0.657 ug/L	88
40) 4-Methyl-2-pentanone	7.84	43	126117	7.357 ug/L	95

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42) Toluene	8.00	91	86407	0.733	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	26759	0.794	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	16753	0.793	ug/L	98
47) Tetrachloroethene	8.58	164	19046	0.775	ug/L	94
48) 2-Hexanone	8.73	43	81830	6.649	ug/L	92
49) Dibromochloromethane	8.84	129	19944	0.773	ug/L	90
50) 1,2-Dibromoethane	8.96	107	15379	0.766	ug/L	98
51) Chlorobenzene	9.47	112	56694	0.743	ug/L	99
52) Ethylbenzene	9.60	91	83781	0.682	ug/L	99
53) m,p-Xylene	9.72	106	30303	0.650	ug/L	97
54) o-Xylene	10.13	106	28335	0.635	ug/L	99
55) Styrene	10.14	104	44058	0.594	ug/L	98
56) Isopropylbenzene	10.51	105	73355	0.624	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	22457	0.810	ug/L #	96
59) 1,2,3-Trichloropropane	10.85	75	15680	0.803	ug/L	98
61) Bromoform	10.32	173	11976	1.054	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	36781	0.871	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	35854	0.881	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	36020	0.908	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.02	75	3200	1.230	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	23295	0.857	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	7691	0.471	ug/L	97
69) Naphthalene	14.11	128	6572	0.335	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	7823	0.497	ug/L	92

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

