

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\
 Data File : VU035601.D
 Acq On : 04 Nov 2019 10:57
 Operator : JC/SP
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Nov 05 01:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 01:18:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238574	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	131563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25658	0.85	ug/L	0.00
7) Chloroethane-d5	1.93	69	21086	0.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	42517	0.85	ug/L	0.00
20) 2-Butanone-d5	4.73	46	55891	9.23	ug/L	0.02
24) Chloroform-d	5.11	84	39543	0.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	21998	0.92	ug/L	0.00
32) Benzene-d6	5.77	84	81282	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	27788	0.96	ug/L	0.00
41) Toluene-d8	7.93	98	76222	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	10693	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	34857	7.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	22821	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	25959	0.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	25588	0.819 ug/L	97
3) Chloromethane	1.53	50	29309	0.811 ug/L	96
5) Vinyl chloride	1.62	62	29488	0.816 ug/L	98
6) Bromomethane	1.88	94	16925	0.885 ug/L	94
8) Chloroethane	1.95	64	17374	0.815 ug/L	99
9) Trichlorofluoromethane	2.16	101	36894	0.869 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	21259	0.884 ug/L	99
12) 1,1-Dichloroethene	2.61	96	21075	0.938 ug/L	93
13) Acetone	2.70	43	40837	8.901 ug/L	98
14) Carbon disulfide	2.82	76	66960	0.852 ug/L	97
15) Methyl Acetate	3.01	43	8057	0.761 ug/L	94
16) Methylene chloride	3.09	84	25394	0.879 ug/L	96
17) Methyl tert-butyl Ether	3.43	73	47370	0.873 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	21086	0.868 ug/L	98
19) 1,1-Dichloroethane	3.92	63	39918	0.842 ug/L	97
21) 2-Butanone	4.80	43	53963	8.052 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	22721	0.871 ug/L	97
23) Bromochloromethane	5.02	128	11288	0.928 ug/L	92
25) Chloroform	5.14	83	45136	0.900 ug/L	98
27) 1,2-Dichloroethane	5.84	62	23585	0.799 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	33205	0.865 ug/L	99
30) Cyclohexane	5.43	56	30768	0.791 ug/L	98
31) Carbon tetrachloride	5.57	117	29292	0.854 ug/L	100
33) Benzene	5.82	78	87460	0.863 ug/L	100
34) Trichloroethene	6.58	95	22482	0.894 ug/L	98
35) Methylcyclohexane	6.80	83	31473	0.810 ug/L	99
37) 1,2-Dichloropropane	6.83	63	23349	0.871 ug/L	100
38) Bromodichloromethane	7.15	83	28709	0.866 ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	32552	0.870 ug/L	99
40) 4-Methyl-2-pentanone	7.85	43	126788	8.106 ug/L	98

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42) Toluene	8.01	91	89095	0.858	ug/L	97
44) trans-1,3-Dichloropropene	8.25	75	26335	0.887	ug/L	93
45) 1,1,2-Trichloroethane	8.44	97	17078	0.910	ug/L	99
47) Tetrachloroethene	8.58	164	19639	0.936	ug/L	98
48) 2-Hexanone	8.74	43	92867	8.822	ug/L	97
49) Dibromochloromethane	8.84	129	19989	0.901	ug/L	96
50) 1,2-Dibromoethane	8.96	107	15616	0.894	ug/L	99
51) Chlorobenzene	9.48	112	59023	0.889	ug/L	98
52) Ethylbenzene	9.60	91	91415	0.842	ug/L	98
53) m,p-Xylene	9.73	106	33816	0.849	ug/L	90
54) o-Xylene	10.13	106	31772	0.817	ug/L	95
55) Styrene	10.14	104	50070	0.789	ug/L	98
56) Isopropylbenzene	10.51	105	83616	0.822	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.81	83	21783	0.892	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	15153	0.874	ug/L	96
61) Bromoform	10.32	173	12367	0.960	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	42933	0.953	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	41174	0.920	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	40380	0.930	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	2613	0.916	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	24507	0.877	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	11629	0.746	ug/L	93
69) Naphthalene	14.11	128	12728	0.603	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	11894	0.771	ug/L	98

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

