

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036725.D
 Acq On : 11 Feb 2020 16:17
 Operator : JC/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Feb 12 07:35:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 07:32:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	119946	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	113835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9724	1.08	ug/L	0.00
7) Chloroethane-d5	1.93	69	8066	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	16617	1.03	ug/L	0.00
20) 2-Butanone-d5	4.69	46	21237	9.53	ug/L	0.01
24) Chloroform-d	5.11	84	14686	0.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	8863	0.95	ug/L	0.00
32) Benzene-d6	5.77	84	31570	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	9950	0.93	ug/L	0.00
41) Toluene-d8	7.93	98	28782	0.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	3670	0.76	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	17377	8.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	8089	0.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	9568	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7851	0.841 ug/L	99
3) Chloromethane	1.54	50	8645	0.955 ug/L	99
5) Vinyl chloride	1.62	62	9870	0.987 ug/L	96
6) Bromomethane	1.87	94	5819	1.004 ug/L	98
8) Chloroethane	1.95	64	6805	1.127 ug/L	97
9) Trichlorofluoromethane	2.16	101	12889	0.924 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	8392	1.116 ug/L	97
12) 1,1-Dichloroethene	2.61	96	7654	1.047 ug/L	92
13) Acetone	2.69	43	30329	17.408 ug/L	99
14) Carbon disulfide	2.82	76	18095	0.796 ug/L	96
15) Methyl Acetate	3.00	43	3954	1.206 ug/L	94
16) Methylene chloride	3.08	84	15054	1.568 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	21701	1.017 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	7553	0.937 ug/L	94
19) 1,1-Dichloroethane	3.92	63	16020	1.062 ug/L	98
21) 2-Butanone	4.78	43	34582	13.579 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	9466	1.021 ug/L	97
23) Bromochloromethane	5.02	128	3635	0.954 ug/L	94
25) Chloroform	5.13	83	17443	1.100 ug/L	97
27) 1,2-Dichloroethane	5.84	62	11312	1.086 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	12483	0.904 ug/L	98
30) Cyclohexane	5.43	56	13376	0.962 ug/L	99
31) Carbon tetrachloride	5.57	117	9907	0.850 ug/L	95
33) Benzene	5.82	78	35683	1.047 ug/L	100
34) Trichloroethene	6.58	95	8771	0.970 ug/L	99
35) Methylcyclohexane	6.80	83	13978	0.974 ug/L	97
37) 1,2-Dichloropropane	6.83	63	9668	1.092 ug/L	# 95
38) Bromodichloromethane	7.14	83	11363	0.953 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	13228	0.929 ug/L	95
40) 4-Methyl-2-pentanone	7.84	43	62453	10.103 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	37405	0.997	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	10314	0.886	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	6993	1.092	ug/L	93
47) Tetrachloroethene	8.58	164	6477	1.026	ug/L	98
48) 2-Hexanone	8.72	43	51352	11.252	ug/L	99
49) Dibromochloromethane	8.84	129	6707	0.822	ug/L	100
50) 1,2-Dibromoethane	8.95	107	6115	0.964	ug/L #	93
51) Chlorobenzene	9.47	112	23501	1.011	ug/L	98
52) Ethylbenzene	9.60	91	41701	1.006	ug/L	98
53) m,p-Xylene	9.72	106	14883	0.936	ug/L	92
54) o-Xylene	10.13	106	14922	0.964	ug/L	99
55) Styrene	10.14	104	24625	0.939	ug/L	99
56) Isopropylbenzene	10.51	105	39692	0.967	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	8733	1.013	ug/L	92
59) 1,2,3-Trichloropropane	10.85	75	6528	1.070	ug/L	97
61) Bromoform	10.32	173	3362	0.773	ug/L #	95
62) 1,3-Dichlorobenzene	11.77	146	17676	1.038	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	17125	1.015	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	17798	1.100	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	1248	0.870	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	11923	0.987	ug/L	99
68) 1,2,4-trichlorobenzene	13.85	180	8665	0.973	ug/L	98
69) Naphthalene	14.10	128	14111	0.891	ug/L	97
70) 1,2,3-Trichlorobenzene	14.34	180	7659	0.895	ug/L	98

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

