

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
 Data File : VU041382.D
 Acq On : 23 Nov 2020 11:30
 Operator : SY/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Nov 24 01:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:04:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4785	0.99	ug/L	0.00
7) Chloroethane-d5	1.92	69	3421	0.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	9250	0.92	ug/L	0.00
20) 2-Butanone-d5	4.64	46	11828	6.44	ug/L	0.00
24) Chloroform-d	5.08	84	9702	0.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5825	0.87	ug/L	0.00
32) Benzene-d6	5.74	84	16605	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	5600	0.91	ug/L	0.00
41) Toluene-d8	7.90	98	14891	0.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2255	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	6301	4.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	4277	0.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	5103	0.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6303	1.092 ug/L	96
3) Chloromethane	1.53	50	5078	0.858 ug/L	93
5) Vinyl chloride	1.61	62	5426	0.935 ug/L	91
6) Bromomethane	1.86	94	1760	0.545 ug/L	95
8) Chloroethane	1.94	64	3319	0.890 ug/L	99
9) Trichlorofluoromethane	2.15	101	8771	0.963 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4328	0.883 ug/L	94
12) 1,1-Dichloroethene	2.59	96	3850	0.885 ug/L	80
13) Acetone	2.64	43	8149	6.546 ug/L	98
14) Carbon disulfide	2.80	76	13815	1.044 ug/L	96
15) Methyl Acetate	2.96	43	1692	0.646 ug/L	100
16) Methylene chloride	3.06	84	6350	1.156 ug/L	85
17) Methyl tert-butyl Ether	3.38	73	8789	0.747 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	4148	0.963 ug/L	95
19) 1,1-Dichloroethane	3.89	63	8282	0.877 ug/L	99
21) 2-Butanone	4.72	43	12093	6.409 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	4246	0.891 ug/L	95
23) Bromochloromethane	4.99	128	2010	0.852 ug/L	97
25) Chloroform	5.11	83	9901	0.966 ug/L	95
27) 1,2-Dichloroethane	5.81	62	5872	0.812 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	8002	0.940 ug/L	95
30) Cyclohexane	5.40	56	5863	0.824 ug/L #	91
31) Carbon tetrachloride	5.54	117	6982	0.943 ug/L	97
33) Benzene	5.79	78	16532	0.890 ug/L	100
34) Trichloroethene	6.55	95	4653	0.919 ug/L	97
35) Methylcyclohexane	6.77	83	5899	0.851 ug/L	98
37) 1,2-Dichloropropane	6.80	63	4724	0.879 ug/L #	95
38) Bromodichloromethane	7.11	83	6142	0.864 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	5776	0.771 ug/L	94
40) 4-Methyl-2-pentanone	7.80	43	25059	5.979 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	16571	0.834	ug/L	95
44) trans-1,3-Dichloropropene	8.22	75	5181	0.736	ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	3229	0.799	ug/L	96
47) Tetrachloroethene	8.56	164	3347	0.896	ug/L	92
48) 2-Hexanone	8.69	43	17940	5.791	ug/L	96
49) Dibromochloromethane	8.81	129	4072	0.840	ug/L	94
50) 1,2-Dibromoethane	8.93	107	2797	0.741	ug/L #	99
51) Chlorobenzene	9.45	112	11081	0.845	ug/L	97
52) Ethylbenzene	9.57	91	17212	0.804	ug/L	98
53) m,p-Xylene	9.70	106	5988	0.773	ug/L	96
54) o-Xylene	10.10	106	5407	0.729	ug/L	97
55) Styrene	10.11	104	8895	0.683	ug/L	100
56) Isopropylbenzene	10.48	105	14743	0.739	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	3995	0.743	ug/L #	95
59) 1,2,3-Trichloropropane	10.82	75	3007	0.726	ug/L	100
61) Bromoform	10.29	173	2186	0.792	ug/L #	95
62) 1,3-Dichlorobenzene	11.74	146	8109	0.864	ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	8268	0.860	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	7547	0.824	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	600	0.720	ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	5571	0.841	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	3885	0.717	ug/L	97
69) Naphthalene	14.08	128	5529	0.632	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	3703	0.731	ug/L	98

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

