

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041235.D
 Acq On : 16 Nov 2020 09:01
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Nov 16 10:18:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 10:17:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4732	0.88	ug/L	0.00
7) Chloroethane-d5	1.93	69	4389	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	10275	0.97	ug/L	0.00
20) 2-Butanone-d5	4.66	46	19217	10.84	ug/L	0.01
24) Chloroform-d	5.08	84	11053	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	7457	1.26	ug/L	0.00
32) Benzene-d6	5.75	84	18218	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	6545	1.03	ug/L	0.00
41) Toluene-d8	7.91	98	16506	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2596	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	12228	8.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	6685	1.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	6205	1.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	5374	0.918 ug/L	97
3) Chloromethane	1.53	50	5724	0.938 ug/L	97
5) Vinyl chloride	1.61	62	5282	0.877 ug/L	96
6) Bromomethane	1.87	94	3054	0.885 ug/L	89
8) Chloroethane	1.94	64	4012	1.052 ug/L	98
9) Trichlorofluoromethane	2.15	101	8721	1.066 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4567	0.952 ug/L	96
12) 1,1-Dichloroethene	2.60	96	3927	0.867 ug/L	96
13) Acetone	2.66	43	12809	10.564 ug/L #	62
14) Carbon disulfide	2.81	76	12312	0.814 ug/L	96
15) Methyl Acetate	2.97	43	2561	0.923 ug/L #	90
16) Methylene chloride	3.06	84	5384	1.020 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	10771	0.924 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	4216	0.916 ug/L	89
19) 1,1-Dichloroethane	3.89	63	9535	1.036 ug/L	99
21) 2-Butanone	4.75	43	18211	9.610 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	4095	0.863 ug/L	98
23) Bromochloromethane	4.99	128	2309	1.031 ug/L	97
25) Chloroform	5.11	83	9824	1.065 ug/L	97
27) 1,2-Dichloroethane	5.81	62	6965	1.014 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	8420	0.941 ug/L	93
30) Cyclohexane	5.41	56	5823	0.661 ug/L	96
31) Carbon tetrachloride	5.54	117	7212	0.910 ug/L	96
33) Benzene	5.79	78	17516	0.801 ug/L	100
34) Trichloroethene	6.55	95	4675	0.840 ug/L	99
35) Methylcyclohexane	6.77	83	5563	0.671 ug/L	92
37) 1,2-Dichloropropane	6.80	63	5515	0.933 ug/L #	86
38) Bromodichloromethane	7.11	83	7036	0.917 ug/L #	97
39) cis-1,3-Dichloropropene	7.62	75	6643	0.816 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	38364	8.136 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	17318	0.781	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	6242	0.819	ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	3975	0.903	ug/L	93
47) Tetrachloroethene	8.56	164	3600	0.880	ug/L	93
48) 2-Hexanone	8.69	43	28844	8.124	ug/L #	96
49) Dibromochloromethane	8.81	129	4597	0.899	ug/L	92
50) 1,2-Dibromoethane	8.93	107	3587	0.855	ug/L #	93
51) Chlorobenzene	9.45	112	13048	0.928	ug/L	94
52) Ethylbenzene	9.57	91	18262	0.783	ug/L	99
53) m,p-Xylene	9.69	106	6338	0.745	ug/L	88
54) o-Xylene	10.10	106	6083	0.768	ug/L	93
55) Styrene	10.11	104	10619	0.752	ug/L	99
56) Isopropylbenzene	10.48	105	16052	0.753	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5384	0.931	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	4060	0.921	ug/L	94
61) Bromoform	10.29	173	3055	1.194	ug/L #	92
62) 1,3-Dichlorobenzene	11.74	146	9186	0.959	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	9191	0.926	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	8775	0.928	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	771	0.832	ug/L #	85
67) 1,3,5-Trichlorobenzene	13.21	180	5995	0.895	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	4684	0.844	ug/L	97
69) Naphthalene	14.08	128	5774	0.582	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	4076	0.797	ug/L	97

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

