

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039820.D
 Acq On : 08 Aug 2020 18:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Aug 10 01:21:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37998	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14601	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	17393	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.58	63	34406	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.66	46	94419	54.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	5.08	84	43861	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.72	65	27360	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.75	84	75749	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	27929	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	61483	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	10171	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	64403	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27647	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	30204	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	31021	5.246	ug/L 100
3) Chloromethane	1.53	50	30685	4.935	ug/L 95
5) Vinyl chloride	1.61	62	32013	5.370	ug/L 95
6) Bromomethane	1.86	94	14560	3.859	ug/L 100
8) Chloroethane	1.94	64	20219	4.625	ug/L 98
9) Trichlorofluoromethane	2.15	101	53768	5.799	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	28193	5.604	ug/L 93
12) 1,1-Dichloroethene	2.59	96	24527	5.607	ug/L 91
13) Acetone	2.66	43	51013	49.687	ug/L 97
14) Carbon disulfide	2.81	76	70928	5.186	ug/L 97
15) Methyl Acetate	2.97	43	11410	4.506	ug/L 96
16) Methylene chloride	3.06	84	28200	3.999	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	61282	5.276	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	25908	5.320	ug/L 98
19) 1,1-Dichloroethane	3.89	63	47930	5.331	ug/L 97
21) 2-Butanone	4.74	43	83873	51.839	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	28281	5.339	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13301	5.347	ug/L	90
25) Chloroform	5.11	83	53128	5.497	ug/L	91
27) 1,2-Dichloroethane	5.81	62	33874	5.086	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	43122	5.411	ug/L	97
30) Cyclohexane	5.40	56	41169	5.368	ug/L	96
31) Carbon tetrachloride	5.54	117	38850	5.313	ug/L	100
33) Benzene	5.79	78	105027	5.395	ug/L	100
34) Trichloroethene	6.56	95	27746	5.488	ug/L	93
35) Methylcyclohexane	6.77	83	40941	5.074	ug/L	96
37) 1,2-Dichloropropane	6.80	63	28065	5.428	ug/L	98
38) Bromodichloromethane	7.12	83	34837	5.150	ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	34788	4.933	ug/L	92
40) 4-Methyl-2-pentanone	7.80	43	196059	50.744	ug/L	99
42) Toluene	7.98	91	110281	5.391	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	32226	5.073	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	20501	5.272	ug/L	94
47) Tetrachloroethene	8.56	164	21577	5.174	ug/L	94
48) 2-Hexanone	8.69	43	143128	51.300	ug/L	99
49) Dibromochloromethane	8.82	129	24220	5.075	ug/L	100
50) 1,2-Dibromoethane	8.93	107	19810	5.195	ug/L	98
51) Chlorobenzene	9.45	112	71902	5.231	ug/L	96
52) Ethylbenzene	9.57	91	117304	5.123	ug/L	99
53) m,p-Xylene	9.70	106	46084	5.286	ug/L	100
54) o-Xylene	10.10	106	45718	5.355	ug/L	98
55) Styrene	10.11	104	78038	5.428	ug/L	95
56) Isopropylbenzene	10.48	105	117073	5.131	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	25331	4.734	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	18765	5.032	ug/L	100
61) Bromoform	10.29	173	12888	5.020	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	58929	5.299	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	60140	5.130	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	56130	5.123	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	3926	4.740	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	41603	4.936	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	37700	5.337	ug/L	97
69) Naphthalene	14.08	128	61446	4.865	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	34472	5.440	ug/L	96

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

