

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038863.D
 Acq On : 12 Jun 2020 20:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Jun 13 01:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152552	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70234	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	56923	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	162309	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.68	46	241593	46.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.34%
24) Chloroform-d	5.10	84	161857	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	91493	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	309740	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	92998	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	281027	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.20	79	40225	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.65	63	211938	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84553	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	109272	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	128868	4.371	ug/L 100
3) Chloromethane	1.53	50	107847	4.435	ug/L 99
5) Vinyl chloride	1.62	62	115187	4.458	ug/L 98
6) Bromomethane	1.87	94	66373	4.477	ug/L 99
8) Chloroethane	1.95	64	68117	4.269	ug/L 100
9) Trichlorofluoromethane	2.16	101	172042	4.487	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	96755	4.412	ug/L 98
12) 1,1-Dichloroethene	2.61	96	95832	4.521	ug/L 87
13) Acetone	2.68	43	200863	47.828	ug/L 99
14) Carbon disulfide	2.82	76	311773	4.321	ug/L 100
15) Methyl Acetate	2.99	43	49811	4.855	ug/L 96
16) Methylene chloride	3.08	84	114237	4.688	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	253420	4.641	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	100898	4.434	ug/L 98
19) 1,1-Dichloroethane	3.91	63	187193	4.570	ug/L 98
21) 2-Butanone	4.75	43	331779	48.093	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	107464	4.534	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	51557	4.640	ug/L	98
25) Chloroform	5.12	83	189067	4.477	ug/L	96
27) 1,2-Dichloroethane	5.83	62	135456	4.601	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	166794	4.481	ug/L	99
30) Cyclohexane	5.42	56	157999	4.380	ug/L	100
31) Carbon tetrachloride	5.56	117	138703	4.414	ug/L	99
33) Benzene	5.81	78	415193	4.556	ug/L	100
34) Trichloroethene	6.57	95	107730	4.527	ug/L	97
35) Methylcyclohexane	6.79	83	155558	4.204	ug/L	99
37) 1,2-Dichloropropane	6.82	63	105073	4.577	ug/L	100
38) Bromodichloromethane	7.13	83	137023	4.601	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	150448	4.421	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	752843	48.997	ug/L	100
42) Toluene	7.99	91	430059	4.470	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	133485	4.404	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	81828	4.673	ug/L	98
47) Tetrachloroethene	8.57	164	78486	4.284	ug/L	98
48) 2-Hexanone	8.71	43	576466	48.840	ug/L	98
49) Dibromochloromethane	8.83	129	92400	4.727	ug/L	99
50) 1,2-Dibromoethane	8.94	107	77202	4.517	ug/L	97
51) Chlorobenzene	9.47	112	275772	4.451	ug/L	100
52) Ethylbenzene	9.59	91	465035	4.387	ug/L	100
53) m,p-Xylene	9.71	106	181654	4.535	ug/L	95
54) o-Xylene	10.11	106	176230	4.583	ug/L	97
55) Styrene	10.13	104	305596	4.618	ug/L	99
56) Isopropylbenzene	10.50	105	460758	4.482	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	102629	4.714	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	79459	4.665	ug/L	100
61) Bromoform	10.31	173	50286	4.577	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	222190	4.512	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	226475	4.508	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	212528	4.587	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	18429	4.904	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	159462	4.420	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	146457	4.588	ug/L	98
69) Naphthalene	14.11	128	285082	4.704	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	138360	4.741	ug/L	99

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

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