

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
 Data File : VU038659.D
 Acq On : 08 Jun 2020 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Jun 09 00:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 15:46:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	320646	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	320127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120576	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.93	69	93758	5.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.60%
11) 1,1-Dichloroethene-d2	2.59	63	230853	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.00%
20) 2-Butanone-d5	4.69	46	412862	65.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.98%#
24) Chloroform-d	5.10	84	227360	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.74	65	130737	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.76	84	459003	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.72	67	137944	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.93	98	412677	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
43) trans-1,3-Dichloropropene-	8.20	79	61478	5.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.40%
46) 2-Hexanone-d5	8.66	63	333728	63.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124570	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	156100	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	109675	4.340	ug/L	98
3) Chloromethane	1.53	50	95168	4.101	ug/L	100
5) Vinyl chloride	1.62	62	106362	4.277	ug/L	99
6) Bromomethane	1.88	94	59622	4.939	ug/L	99
8) Chloroethane	1.95	64	67073	4.502	ug/L	98
9) Trichlorofluoromethane	2.16	101	158213	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100292	5.162	ug/L	99
12) 1,1-Dichloroethene	2.61	96	92918	4.705	ug/L	99
13) Acetone	2.69	43	215356	52.199	ug/L	98
14) Carbon disulfide	2.82	76	254351	3.796	ug/L	100
15) Methyl Acetate	2.99	43	49584	4.906	ug/L	97
16) Methylene chloride	3.08	84	104155	4.661	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	263028	5.080	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	97411	4.577	ug/L	96
19) 1,1-Dichloroethane	3.91	63	186684	4.902	ug/L	95
21) 2-Butanone	4.76	43	363841	52.431	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	109424	4.775	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	50041	4.852	ug/L	98
25) Chloroform	5.13	83	195417	5.051	ug/L	98
27) 1,2-Dichloroethane	5.83	62	134598	4.942	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	167791	4.953	ug/L	100
30) Cyclohexane	5.43	56	155974	4.391	ug/L	98
31) Carbon tetrachloride	5.56	117	136575	4.843	ug/L	99
33) Benzene	5.81	78	415963	4.660	ug/L	100
34) Trichloroethene	6.57	95	106409	4.593	ug/L	97
35) Methylcyclohexane	6.79	83	153951	4.292	ug/L	99
37) 1,2-Dichloropropane	6.82	63	110514	4.920	ug/L	99
38) Bromodichloromethane	7.13	83	139154	4.988	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	164155	4.945	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	802308	49.942	ug/L	99
42) Toluene	8.00	91	445473	4.758	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	143552	4.896	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	84961	5.013	ug/L	95
47) Tetrachloroethene	8.58	164	78041	4.636	ug/L	97
48) 2-Hexanone	8.71	43	619439	50.915	ug/L	99
49) Dibromochloromethane	8.84	129	96027	5.250	ug/L	98
50) 1,2-Dibromoethane	8.95	107	80510	4.961	ug/L	98
51) Chlorobenzene	9.47	112	287830	4.767	ug/L	98
52) Ethylbenzene	9.59	91	488794	4.692	ug/L	100
53) m,p-Xylene	9.71	106	190826	4.763	ug/L	96
54) o-Xylene	10.12	106	185578	4.825	ug/L	95
55) Styrene	10.13	104	318751	4.883	ug/L	99
56) Isopropylbenzene	10.50	105	489877	4.839	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	108205	5.024	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	84379	5.033	ug/L	99
61) Bromoform	10.31	173	54830	5.373	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	233041	4.842	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	232861	4.771	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	226704	4.960	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18640	5.037	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	175068	4.875	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	153727	4.625	ug/L	99
69) Naphthalene	14.12	128	307057	4.642	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	146187	4.834	ug/L	97

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

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