

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038411.D
 Acq On : 30 May 2020 13:48
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Jun 01 02:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109601	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	85474	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	215371	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.69	46	335549	51.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	5.10	84	204827	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.74	65	114922	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	411921	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	125574	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	365759	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	54149	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.66	63	284658	54.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108000	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	141385	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	132017	5.025 ug/L	98
3) Chloromethane	1.53	50	117444	4.867 ug/L	99
5) Vinyl chloride	1.62	62	130421	5.045 ug/L	98
6) Bromomethane	1.88	94	66938	5.333 ug/L	98
8) Chloroethane	1.95	64	77071	4.975 ug/L	99
9) Trichlorofluoromethane	2.16	101	169591	4.945 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100055	4.954 ug/L	99
12) 1,1-Dichloroethene	2.61	96	100243	4.883 ug/L	95
13) Acetone	2.69	43	204253	47.618 ug/L	83
14) Carbon disulfide	2.82	76	346765	4.978 ug/L	99
15) Methyl Acetate	2.99	43	54975	5.231 ug/L	95
16) Methylene chloride	3.08	84	115115	4.955 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	280659	5.214 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	110908	5.013 ug/L	100
19) 1,1-Dichloroethane	3.91	63	202030	5.102 ug/L	97
21) 2-Butanone	4.76	43	373326	51.745 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	120774	5.069 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52647	4.910	ug/L	91
25) Chloroform	5.13	83	203563	5.061	ug/L	97
27) 1,2-Dichloroethane	5.83	62	144030	5.086	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	175926	5.228	ug/L	98
30) Cyclohexane	5.42	56	183645	5.205	ug/L	97
31) Carbon tetrachloride	5.56	117	143355	5.117	ug/L	99
33) Benzene	5.81	78	454295	5.123	ug/L	100
34) Trichloroethene	6.57	95	116352	5.055	ug/L	98
35) Methylcyclohexane	6.79	83	183448	5.148	ug/L	99
37) 1,2-Dichloropropane	6.82	63	114742	5.142	ug/L	100
38) Bromodichloromethane	7.13	83	144041	5.198	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	177304	5.376	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	861024	53.955	ug/L	100
42) Toluene	7.99	91	476978	5.128	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	150582	5.170	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	86892	5.162	ug/L	97
47) Tetrachloroethene	8.57	164	83435	4.990	ug/L	96
48) 2-Hexanone	8.71	43	647510	53.578	ug/L	100
49) Dibromochloromethane	8.83	129	97593	5.371	ug/L	98
50) 1,2-Dibromoethane	8.94	107	85043	5.276	ug/L	100
51) Chlorobenzene	9.47	112	303260	5.056	ug/L	98
52) Ethylbenzene	9.59	91	524030	5.064	ug/L	99
53) m,p-Xylene	9.71	106	203251	5.107	ug/L	97
54) o-Xylene	10.12	106	198527	5.196	ug/L	99
55) Styrene	10.13	104	335771	5.178	ug/L	99
56) Isopropylbenzene	10.50	105	506041	5.033	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	110962	5.187	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	86135	5.172	ug/L	99
61) Bromoform	10.31	173	53176	5.370	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	240616	5.152	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	238656	5.039	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	228760	5.158	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19400	5.403	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	177204	5.086	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	168699	5.231	ug/L	99
69) Naphthalene	14.11	128	357441	5.569	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	154850	5.277	ug/L	99

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

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