

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038310.D
 Acq On : 27 May 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: May 28 04:10:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 14:09:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	336296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134649	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	118402	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.59	63	263544	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.66	46	433466	55.54	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.08%
24) Chloroform-d	5.10	84	269087	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.74	65	152885	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.76	84	552022	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.72	67	172645	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	503375	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloropropene-	8.20	79	73666	5.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.00%
46) 2-Hexanone-d5	8.66	63	350104	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	145395	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	193147	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	171108	5.410 ug/L	97
3) Chloromethane	1.53	50	139822	3.668 ug/L	98
5) Vinyl chloride	1.62	62	162122	4.340 ug/L	100
6) Bromomethane	1.87	94	79696	3.748 ug/L	100
8) Chloroethane	1.95	64	96043	4.180 ug/L	99
9) Trichlorofluoromethane	2.16	101	214659	5.621 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	132010	5.575 ug/L	97
12) 1,1-Dichloroethene	2.61	96	123362	5.140 ug/L	86
13) Acetone	2.65	43	242472	49.514 ug/L	98
14) Carbon disulfide	2.82	76	427767	4.996 ug/L	100
15) Methyl Acetate	2.98	43	65757	4.800 ug/L	97
16) Methylene chloride	3.08	84	139819	4.998 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	353610	5.302 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	137772	5.258 ug/L	97
19) 1,1-Dichloroethane	3.91	63	251240	4.909 ug/L	100
21) 2-Butanone	4.74	43	438607	50.744 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	150429	5.327 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	64513	5.309	ug/L	91
25) Chloroform	5.13	83	255348	5.349	ug/L	97
27) 1,2-Dichloroethane	5.83	62	175419	5.206	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	217676	5.649	ug/L	97
30) Cyclohexane	5.42	56	250035	5.496	ug/L	99
31) Carbon tetrachloride	5.56	117	186120	6.010	ug/L	98
33) Benzene	5.81	78	572145	5.313	ug/L	100
34) Trichloroethene	6.57	95	147359	5.471	ug/L	99
35) Methylcyclohexane	6.79	83	244921	5.613	ug/L	96
37) 1,2-Dichloropropane	6.82	63	145924	4.989	ug/L	98
38) Bromodichloromethane	7.13	83	181910	5.379	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	222671	5.319	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1035421	51.072	ug/L	99
42) Toluene	8.00	91	610272	5.368	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	194497	5.463	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	108306	5.332	ug/L	99
47) Tetrachloroethene	8.58	164	109107	5.791	ug/L	97
48) 2-Hexanone	8.71	43	772143	52.006	ug/L	99
49) Dibromochloromethane	8.83	129	118686	5.630	ug/L	99
50) 1,2-Dibromoethane	8.95	107	103785	5.505	ug/L	99
51) Chlorobenzene	9.47	112	385632	5.466	ug/L	98
52) Ethylbenzene	9.59	91	686605	5.576	ug/L	100
53) m,p-Xylene	9.71	106	264593	5.603	ug/L	99
54) o-Xylene	10.12	106	255247	5.591	ug/L	98
55) Styrene	10.13	104	438804	5.725	ug/L	99
56) Isopropylbenzene	10.50	105	679505	5.794	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	138267	5.361	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	104246	5.310	ug/L	100
61) Bromoform	10.31	173	65240	5.542	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	306404	5.408	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	309848	5.397	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	293119	5.377	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	24018	5.391	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	230261	5.600	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	213748	5.732	ug/L	97
69) Naphthalene	14.12	128	452200	5.760	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	197439	5.696	ug/L	99

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

