

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038607.D
 Acq On : 06 Jun 2020 08:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Jun 07 02:15:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	328554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	167532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104282	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	85439	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	205837	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.68	46	355242	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	5.10	84	210294	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	118782	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.76	84	416886	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	127217	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	365763	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	51421	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.65	63	300171	56.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108972	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	146233	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	115485	4.396	ug/L 99
3) Chloromethane	1.53	50	101367	4.201	ug/L 97
5) Vinyl chloride	1.62	62	112569	4.355	ug/L 96
6) Bromomethane	1.88	94	55760	4.443	ug/L 99
8) Chloroethane	1.95	64	68828	4.444	ug/L 99
9) Trichlorofluoromethane	2.16	101	162897	4.750	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	96051	4.756	ug/L 99
12) 1,1-Dichloroethene	2.61	96	92603	4.511	ug/L 94
13) Acetone	2.68	43	207309	48.334	ug/L 99
14) Carbon disulfide	2.82	76	265733	3.815	ug/L 100
15) Methyl Acetate	2.99	43	50780	4.833	ug/L 99
16) Methylene chloride	3.08	84	110024	4.736	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	266933	4.959	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	100005	4.520	ug/L 95
19) 1,1-Dichloroethane	3.91	63	193228	4.880	ug/L 99
21) 2-Butanone	4.76	43	356629	49.435	ug/L 95
22) cis-1,2-Dichloroethene	4.71	96	111496	4.680	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50698	4.729	ug/L	91
25) Chloroform	5.13	83	197264	4.905	ug/L	99
27) 1,2-Dichloroethane	5.83	62	136461	4.819	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	170890	4.916	ug/L	99
30) Cyclohexane	5.42	56	159865	4.385	ug/L	99
31) Carbon tetrachloride	5.56	117	141164	4.877	ug/L	99
33) Benzene	5.81	78	429682	4.690	ug/L	100
34) Trichloroethene	6.57	95	109279	4.596	ug/L	99
35) Methylcyclohexane	6.79	83	155277	4.218	ug/L	99
37) 1,2-Dichloropropane	6.82	63	112685	4.888	ug/L	100
38) Bromodichloromethane	7.13	83	142654	4.982	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	157689	4.628	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	808293	49.024	ug/L	100
42) Toluene	7.99	91	455353	4.739	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	136578	4.539	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	85062	4.891	ug/L	98
47) Tetrachloroethene	8.57	164	79431	4.598	ug/L	97
48) 2-Hexanone	8.71	43	598798	47.956	ug/L	99
49) Dibromochloromethane	8.83	129	94123	5.013	ug/L	99
50) 1,2-Dibromoethane	8.94	107	79610	4.780	ug/L	97
51) Chlorobenzene	9.47	112	295744	4.772	ug/L	100
52) Ethylbenzene	9.59	91	506371	4.736	ug/L	100
53) m,p-Xylene	9.71	106	193895	4.716	ug/L	98
54) o-Xylene	10.11	106	188437	4.774	ug/L	98
55) Styrene	10.13	104	326980	4.880	ug/L	99
56) Isopropylbenzene	10.50	105	507634	4.886	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	106514	4.819	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	82483	4.793	ug/L	99
61) Bromoform	10.31	173	51487	4.933	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	238570	4.847	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	241055	4.829	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	227355	4.864	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	19169	5.065	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	172849	4.707	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	159571	4.694	ug/L	99
69) Naphthalene	14.11	128	322360	4.765	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	147789	4.778	ug/L	100

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

