

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038209.D
 Acq On : 15 May 2020 19:32
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00531

Quant Time: May 18 02:09:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317473	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	304915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137267	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	124908	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	213794	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.67	46	445644	62.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	5.10	84	239932	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	139960	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	470445	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.72	67	164011	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.92	98	400333	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	61849	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.65	63	331095	59.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	136418	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	151552	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	120202	4.140 ug/L	99
3) Chloromethane	1.53	50	165357	4.726 ug/L	97
5) Vinyl chloride	1.62	62	162871	4.750 ug/L	100
6) Bromomethane	1.87	94	95127	4.873 ug/L	99
8) Chloroethane	1.95	64	101173	4.797 ug/L	97
9) Trichlorofluoromethane	2.16	101	157359	4.489 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	91907	4.229 ug/L	100
12) 1,1-Dichloroethene	2.60	96	99598	4.521 ug/L	99
13) Acetone	2.66	43	239249	53.224 ug/L	99
14) Carbon disulfide	2.82	76	318143	4.048 ug/L	100
15) Methyl Acetate	2.98	43	61686	4.906 ug/L	99
16) Methylene chloride	3.08	84	129230	5.032 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	299005	4.884 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	109846	4.567 ug/L	96
19) 1,1-Dichloroethane	3.91	63	233324	4.966 ug/L	97
21) 2-Butanone	4.75	43	418509	52.748 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	129008	4.977 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	57136	5.122	ug/L	96
25) Chloroform	5.13	83	223063	5.091	ug/L	98
27) 1,2-Dichloroethane	5.83	62	158701	5.131	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	168235	4.816	ug/L	99
30) Cyclohexane	5.42	56	166753	4.043	ug/L	98
31) Carbon tetrachloride	5.56	117	126838	4.517	ug/L	99
33) Benzene	5.81	78	491088	5.029	ug/L	100
34) Trichloroethene	6.57	95	114078	4.671	ug/L	98
35) Methylcyclohexane	6.79	83	159148	4.023	ug/L	98
37) 1,2-Dichloropropane	6.82	63	134690	5.078	ug/L	100
38) Bromodichloromethane	7.13	83	154634	5.043	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	180597	4.758	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	956971	52.061	ug/L	100
42) Toluene	7.99	91	486409	4.719	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	154737	4.794	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	95022	5.159	ug/L	97
47) Tetrachloroethene	8.57	164	75431	4.416	ug/L	98
48) 2-Hexanone	8.71	43	718034	53.339	ug/L	100
49) Dibromochloromethane	8.83	129	97338	5.093	ug/L	97
50) 1,2-Dibromoethane	8.94	107	88424	5.173	ug/L	99
51) Chlorobenzene	9.47	112	304579	4.761	ug/L	98
52) Ethylbenzene	9.59	91	501764	4.494	ug/L	100
53) m,p-Xylene	9.71	106	193863	4.528	ug/L	96
54) o-Xylene	10.12	106	188948	4.565	ug/L	97
55) Styrene	10.13	104	329187	4.737	ug/L	100
56) Isopropylbenzene	10.50	105	476046	4.477	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	119754	5.121	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	92928	5.220	ug/L	97
61) Bromoform	10.31	173	51256	5.175	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	222384	4.665	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	225302	4.664	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	221299	4.825	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	18530	4.943	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	158101	4.570	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	147625	4.705	ug/L	98
69) Naphthalene	14.11	128	327385	4.956	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	141612	4.856	ug/L	99

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

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