

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038633.D
 Acq On : 06 Jun 2020 21:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Jun 07 04:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85957	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	75829	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	178816	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.68	46	350243	60.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	5.10	84	199794	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.74	65	111258	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	378633	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.72	67	118882	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.92	98	329539	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.20	79	50626	5.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.60%
46) 2-Hexanone-d5	8.65	63	290205	62.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105841	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	133042	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	96364	4.175 ug/L	98
3) Chloromethane	1.53	50	87880	4.146 ug/L	100
5) Vinyl chloride	1.62	62	98480	4.336 ug/L	97
6) Bromomethane	1.87	94	45680	4.143 ug/L	99
8) Chloroethane	1.95	64	61345	4.508 ug/L	95
9) Trichlorofluoromethane	2.16	101	141997	4.713 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	81643	4.601 ug/L	97
12) 1,1-Dichloroethene	2.60	96	81893	4.541 ug/L	96
13) Acetone	2.68	43	204539	54.283 ug/L	99
14) Carbon disulfide	2.82	76	230537	3.767 ug/L	100
15) Methyl Acetate	2.99	43	49174	5.327 ug/L	98
16) Methylene chloride	3.08	84	101481	4.972 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	258537	5.467 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	90781	4.671 ug/L	96
19) 1,1-Dichloroethane	3.91	63	179797	5.169 ug/L	98
21) 2-Butanone	4.76	43	350198	55.256 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	104835	5.009 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	50495	5.361	ug/L	95
25) Chloroform	5.13	83	188368	5.331	ug/L	99
27) 1,2-Dichloroethane	5.83	62	132215	5.315	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	154340	5.121	ug/L	99
30) Cyclohexane	5.42	56	135249	4.279	ug/L	97
31) Carbon tetrachloride	5.56	117	121653	4.848	ug/L	100
33) Benzene	5.81	78	392795	4.945	ug/L	100
34) Trichloroethene	6.57	95	99326	4.818	ug/L	97
35) Methylcyclohexane	6.79	83	137452	4.307	ug/L	96
37) 1,2-Dichloropropane	6.82	63	103305	5.169	ug/L	100
38) Bromodichloromethane	7.13	83	133744	5.388	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	151945	5.144	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	779717	54.550	ug/L	99
42) Toluene	7.99	91	406813	4.883	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	133295	5.109	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	82404	5.465	ug/L	99
47) Tetrachloroethene	8.57	164	70058	4.677	ug/L	97
48) 2-Hexanone	8.71	43	591811	54.672	ug/L	100
49) Dibromochloromethane	8.83	129	89613	5.506	ug/L	97
50) 1,2-Dibromoethane	8.94	107	76876	5.324	ug/L	100
51) Chlorobenzene	9.47	112	264183	4.917	ug/L	97
52) Ethylbenzene	9.59	91	436847	4.713	ug/L	100
53) m,p-Xylene	9.71	106	168971	4.740	ug/L	98
54) o-Xylene	10.12	106	169989	4.968	ug/L	99
55) Styrene	10.13	104	295622	5.089	ug/L	98
56) Isopropylbenzene	10.50	105	430595	4.781	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	104248	5.440	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	81435	5.459	ug/L	98
61) Bromoform	10.31	173	48607	5.413	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	212688	5.022	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	210928	4.911	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	207077	5.149	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17889	5.494	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	156507	4.953	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	146909	5.023	ug/L	100
69) Naphthalene	14.11	128	309200	5.312	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	138081	5.189	ug/L	98

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

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