

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038409.D
 Acq On : 30 May 2020 12:45
 Operator : JC/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Jun 01 01:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 01:25:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	349556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	343125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	177959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	447655	19.79	ug/L	0.00
7) Chloroethane-d5	1.93	69	336109	19.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	873167	19.61	ug/L	0.00
20) 2-Butanone-d5	4.68	46	1379777	200.76	ug/L	0.00
24) Chloroform-d	5.10	84	833558	19.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	458665	19.01	ug/L	0.00
32) Benzene-d6	5.76	84	1686236	19.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	510687	19.39	ug/L	0.00
41) Toluene-d8	7.92	98	1522977	19.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	238058	21.01	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	1148677	205.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	462288	20.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	600026	19.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	538893	19.561 ug/L	98
3) Chloromethane	1.53	50	487885	19.283 ug/L	100
5) Vinyl chloride	1.62	62	533271	19.672 ug/L	99
6) Bromomethane	1.87	94	279141	21.210 ug/L	100
8) Chloroethane	1.95	64	304606	18.753 ug/L	98
9) Trichlorofluoromethane	2.16	101	705905	19.629 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	413788	19.537 ug/L	99
12) 1,1-Dichloroethene	2.60	96	417606	19.399 ug/L	97
13) Acetone	2.68	43	840048	186.773 ug/L	100
14) Carbon disulfide	2.82	76	1437943	19.686 ug/L	100
15) Methyl Acetate	2.99	43	216244	19.625 ug/L	100
16) Methylene chloride	3.08	84	453789	18.627 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	1173803	20.795 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	451349	19.454 ug/L	99
19) 1,1-Dichloroethane	3.91	63	819783	19.745 ug/L	98
21) 2-Butanone	4.76	43	1509787	199.574 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	489211	19.583 ug/L	97
23) Bromochloromethane	5.02	128	215552	19.173 ug/L	97
25) Chloroform	5.12	83	816359	19.356 ug/L	99
27) 1,2-Dichloroethane	5.83	62	565697	19.052 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	733740	20.209 ug/L	99
30) Cyclohexane	5.42	56	774796	20.351 ug/L	98
31) Carbon tetrachloride	5.56	117	620949	20.543 ug/L	100
33) Benzene	5.81	78	1855452	19.392 ug/L	100
34) Trichloroethene	6.57	95	479220	19.297 ug/L	97
35) Methylcyclohexane	6.79	83	789592	20.536 ug/L	97
37) 1,2-Dichloropropane	6.82	63	476077	19.773 ug/L	99
38) Bromodichloromethane	7.13	83	608082	20.336 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	764630	21.488 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	3513636	204.056 ug/L	99

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42) Toluene	7.99	91	2020947	20.137	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	672654	21.403	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	359358	19.783	ug/L	96
47) Tetrachloroethene	8.57	164	361611	20.041	ug/L	98
48) 2-Hexanone	8.71	43	2699373	207.004	ug/L	99
49) Dibromochloromethane	8.83	129	410966	20.961	ug/L	97
50) 1,2-Dibromoethane	8.94	107	348006	20.008	ug/L	99
51) Chlorobenzene	9.47	112	1279760	19.773	ug/L	98
52) Ethylbenzene	9.59	91	2326014	20.832	ug/L	99
53) m,p-Xylene	9.71	106	901950	21.004	ug/L	99
54) o-Xylene	10.12	106	866444	21.019	ug/L	100
55) Styrene	10.13	104	1518956	21.708	ug/L	100
56) Isopropylbenzene	10.50	105	2302044	21.218	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	469694	20.347	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	356871	19.858	ug/L	99
61) Bromoform	10.31	173	238641	21.526	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	1036945	19.832	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1038184	19.580	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	980075	19.740	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	81183	20.196	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	790441	20.263	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	745543	20.648	ug/L	99
69) Naphthalene	14.11	128	1564804	21.777	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	674330	20.525	ug/L	98

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

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