Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091720\
Data File : VU040197.D
Acq On : 17 Sep 2020 21:26
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Sep 18 04:05:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 04:01:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116210	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56469	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28184	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.92	69	25288	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.58	63	73909	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.66	46	111914	44.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.20%			
24) Chloroform-d	5.08	84	64170	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.72	65	40406	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.75	84	122635	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	39320	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.91	98	105858	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	8.19	79	16024	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.64	63	82665	44.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.98%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35680	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40251	4.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55992	4.855	ug/L	99
3) Chloromethane	1.53	50	50186	4.545	ug/L	98
5) Vinyl chloride	1.61	62	53073	4.741	ug/L	93
6) Bromomethane	1.87	94	28155	4.921	ug/L	91
8) Chloroethane	1.94	64	31842	4.733	ug/L	95
9) Trichlorofluoromethane	2.15	101	81127	5.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52922	5.092	ug/L	97
12) 1,1-Dichloroethene	2.59	96	47683	5.302	ug/L	88
13) Acetone	2.66	43	105463	44.890	ug/L	98
14) Carbon disulfide	2.81	76	131928	4.575	ug/L	98
15) Methyl Acetate	2.97	43	26370	4.472	ug/L	100
16) Methylene chloride	3.06	84	60703	5.154	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	128537	4.742	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47976	4.959	ug/L	97
19) 1,1-Dichloroethane	3.89	63	99233	4.983	ug/L	97
21) 2-Butanone	4.74	43	171203	44.636	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	54950	5.282	ug/L	100

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 04:01:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	24224	5.315 ug/L	98
25) Chloroform	5.11	83	111129	5.449 ug/L	100
27) 1,2-Dichloroethane	5.81	62	74905	5.013 ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	90680	5.205 ug/L	100
30) Cyclohexane	5.41	56	79020	4.677 ug/L	97
31) Carbon tetrachloride	5.54	117	76686	5.143 ug/L	98
33) Benzene	5.79	78	207541	5.228 ug/L	100
34) Trichloroethene	6.56	95	54658	5.133 ug/L	96
35) Methylcyclohexane	6.77	83	76322	4.681 ug/L	99
37) 1,2-Dichloropropane	6.80	63	57742	5.372 ug/L	100
38) Bromodichloromethane	7.11	83	76020	5.181 ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	73963	4.666 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	408220	46.287 ug/L	98
42) Toluene	7.98	91	218774	5.351 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	70105	4.773 ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	41021	5.239 ug/L	98
47) Tetrachloroethene	8.56	164	38036	5.438 ug/L	98
48) 2-Hexanone	8.69	43	302372	47.002 ug/L	98
49) Dibromochloromethane	8.82	129	47598	5.064 ug/L	98
50) 1,2-Dibromoethane	8.93	107	38032	5.038 ug/L	98
51) Chlorobenzene	9.45	112	138726	5.466 ug/L	96
52) Ethylbenzene	9.57	91	240449	5.177 ug/L	98
53) m,p-Xylene	9.69	106	89329	5.402 ug/L	92
54) o-Xylene	10.10	106	85208	5.407 ug/L	100
55) Styrene	10.11	104	151195	5.517 ug/L	98
56) Isopropylbenzene	10.48	105	231625	5.389 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	49841	4.964 ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	37812	4.748 ug/L	98
61) Bromoform	10.29	173	24187	4.670 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	107939	5.230 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	105045	5.030 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	103155	5.165 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9239	4.326 ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	70931	4.888 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	58667	4.693 ug/L	100
69) Naphthalene	14.08	128	105296	4.041 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	55658	4.847 ug/L	97

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

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