Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012293.D
Acq On : 17 Oct 2020 15:09
Operator : CG/JU
Sample : SSTD16053
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16053

Manual Integrations APPROVED
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Quant Time: Oct 17 15:44:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:54:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	221849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	928036	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	558708	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1161959	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1145866	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1117954	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.80	99	3250576	169.90	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1875712	160.86	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.33	113	2564413	165.54	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.52	131	2795419	143.28	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.49	143	1410458	165.27	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.39	200	1359348	176.55	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.76	77	1733071	159.440	ng/ul	94
6) Phenol	6.83	94	3378384	167.416	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	2568221	160.209	ng/ul	97
11) 2-Methylphenol	8.05	108	2514757	166.360	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	3343665m	159.168	ng/ul	
14) Acetophenone	8.43	105	3903728	160.990	ng/ul	99
16) 4-Methylphenol	8.40	108	2702565	166.408	ng/ul	97
30) 4-Chloroaniline	10.55	127	2809457	146.050	ng/ul	98
32) Caprolactam	11.38	113	816831m	162.084	ng/ul	
38) Hexachlorocyclopentadiene	12.40	237	2014877	168.660	ng/ul	94
49) 3-Nitroaniline	14.17	138	1348291	154.087	ng/ul	97
51) 2,4-Dinitrophenol	14.38	184	1100522	183.535	ng/ul	96
53) 4-Nitrophenol	14.50	109	1196205	154.788	ng/ul	97
61) 4-Nitroaniline	15.35	138	1482912m	155.325	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.41	198	1443302	171.650	ng/ul	96
68) Atrazine	16.49	200	2237782	161.502	ng/ul	95
69) Pentachlorophenol	16.65	266	1603545	171.640	ng/ul#	83
75) Carbazole	17.41	167	9819565	159.775	ng/ul	98
77) Fluoranthene	19.06	202	12234978	152.363	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.12	252	4274974	159.471	ng/ul	93
87) Di-n-octyl phthalate	21.98	149	12422955	145.710	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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