Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011174.D
Acq On : 15 Jul 2020 13:51
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD16052

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:47 AM

Quant Time: Jul 15 14:42:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 13:28:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	144560	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.23	136	651940	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	404465	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	948721	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1249335	20.00	ng/ul	0.01
86) Perylene-d12	23.24	264	1292461	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	2030293	177.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	992532	160.37	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.21	113	1603016	168.93	ng/ul	0.01
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	10.38	131	1249994	108.89	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	14.37	143	1057306	180.78	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.27	200	1066570	183.02	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	6.65	77	665586	127.317	ng/ul	100
6) Phenol	6.72	94	2191392	174.952	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	1522056	163.421	ng/ul	96
11) 2-Methylphenol	7.93	108	1600163	170.448	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	956611	150.586	ng/ul	96
14) Acetophenone	8.30	105	2664916	164.911	ng/ul	99
16) 4-Methylphenol	8.28	108	1736338	167.891	ng/ul	98
30) 4-Chloroaniline	10.40	127	1322270	109.872	ng/ul	98
32) Caprolactam	11.23	113	562640m	184.027	ng/ul	
38) Hexachlorocyclopentadiene	12.27	237	1478239	174.012	ng/ul	99
49) 3-Nitroaniline	14.05	138	1072071	169.983	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	834409	211.311	ng/ul	91
53) 4-Nitrophenol	14.39	109	941183	166.322	ng/ul	91
61) 4-Nitroaniline	15.24	138	1350640m	180.685	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.29	198	1104059	183.456	ng/ul#	96
68) Atrazine	16.38	200	1655211	164.814	ng/ul	99
69) Pentachlorophenol	16.54	266	1245061	181.595	ng/ul#	85
75) Carbazole	17.29	167	8134449	163.392	ng/ul	99
77) Fluoranthene	18.96	202	10613050	163.725	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	4570657	174.901	ng/ul	96
87) Di-n-octyl phthalate	21.90	149	12169996	146.119	ng/ul	100

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

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