Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013724.D
Acq On : 22 Feb 2021 10:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 22 11:21:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.539	152	4825	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	19742	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	12116	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	26867	0.40	ng	#	0.00
29) Chrysene-d12	21.144	240	28543	0.40	ng	#	0.01
36) Perylene-d12	23.311	264	27434	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.188	112	5404	0.52	ng		0.00
5) Phenol-d6	6.750	99	6847	0.52	ng		0.02
8) Nitrobenzene-d5	8.680	82	4640	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	12247	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1985	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	16759	0.37	ng		0.00
27) Fluoranthene-d10	18.975	212	30542	0.42	ng		0.00
31) Terphenyl-d14	19.586	244	24599	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2196	0.41	ng		96
3) n-Nitrosodimethylamine	3.488	42	1793	0.46	ng	#	89
6) bis(2-Chloroethyl)ether	6.984	93	4773	0.41	ng		99
9) Naphthalene	10.353	128	18897	0.39	ng		99
10) Hexachlorobutadiene	10.644	225	3148	0.39	ng	#	100
12) 2-Methylnaphthalene	11.977	142	13427	0.41	ng		98
16) Acenaphthylene	13.890	152	18169	0.39	ng		100
17) Acenaphthene	14.245	154	12650	0.38	ng		97
18) Fluorene	15.234	166	16725	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	1001	0.41	ng	#	70
21) 4-Bromophenyl-phenylether	16.131	248	4951	0.37	ng		99
22) Hexachlorobenzene	16.240	284	5477	0.37	ng		99
23) Atrazine	16.410	200	3827	0.45	ng	#	90
24) Pentachlorophenol	16.593	266	1879	0.63	ng		97
25) Phenanthrene	16.970	178	27833	0.38	ng		100
26) Anthracene	17.068	178	24627	0.41	ng		99
28) Fluoranthene	19.005	202	32992	0.41	ng		99
30) Pyrene	19.372	202	34656	0.41	ng		99
32) Benzo(a)anthracene	21.123	228	33285	0.44	ng		98
33) Chrysene	21.176	228	33365	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.070	149	18069	0.81	ng		99
35) Indeno(1,2,3-cd)pyrene	25.464	276	38424	0.42	ng		100
37) Benzo(b)fluoranthene	22.664	252	34548	0.36	ng		95
38) Benzo(k)fluoranthene	22.709	252	34710	0.36	ng		96
39) Benzo(a)pyrene	23.215	252	32036	0.40	ng	#	88
40) Dibenzo(a,h)anthracene	25.478	278	32427	0.37	ng	#	93
41) Benzo(g,h,i)perylene	26.115	276	33209	0.36	ng		96

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

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