Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013726.D
Acq On : 22 Feb 2021 12:16
Operator : CG/JU
Sample : PB134752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134752BS

Quant Time: Feb 22 12:47:53 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	7.547	152	4856	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	19842	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	12038	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	25772	0.40	ng	#	0.00
29) Chrysene-d12	21.144	240	26359	0.40	ng	#	0.01
36) Perylene-d12	23.308	264	25482	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.188	112	5362	0.51	ng		0.00
5) Phenol-d6	6.750	99	6844	0.52	ng		0.02
8) Nitrobenzene-d5	8.680	82	4604	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	12436	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1818	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	16751	0.37	ng		0.00
27) Fluoranthene-d10	18.975	212	28405	0.41	ng		0.00
31) Terphenyl-d14	19.585	244	22751	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2239	0.41	ng		93
3) n-Nitrosodimethylamine	3.488	42	1743	0.44	ng	#	86
6) bis(2-Chloroethyl)ether	6.983	93	4867	0.42	ng		99
9) Naphthalene	10.353	128	19507	0.40	ng		99
10) Hexachlorobutadiene	10.644	225	3193	0.39	ng	#	99
12) 2-Methylnaphthalene	11.977	142	13565	0.41	ng		98
16) Acenaphthylene	13.889	152	17639	0.38	ng		100
17) Acenaphthene	14.245	154	12622	0.38	ng		98
18) Fluorene	15.234	166	16242	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	833	0.38	ng	#	69
21) 4-Bromophenyl-phenylether	16.130	248	4802	0.38	ng		99
22) Hexachlorobenzene	16.240	284	5332	0.38	ng		98
23) Atrazine	16.410	200	3363	0.41	ng	#	93
24) Pentachlorophenol	16.593	266	1491	0.56	ng		98
25) Phenanthrene	16.970	178	26865	0.38	ng		99
26) Anthracene	17.067	178	23180	0.40	ng		99
28) Fluoranthene	19.005	202	30697	0.40	ng		99
30) Pyrene	19.367	202	31861	0.40	ng		99
32) Benzo(a)anthracene	21.122	228	30883	0.44	ng		98
33) Chrysene	21.176	228	30798	0.38	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	14904	0.72	ng		98
35) Indeno(1,2,3-cd)pyrene	25.464	276	35609	0.42	ng		99
37) Benzo(b)fluoranthene	22.664	252	32213	0.36	ng		96
38) Benzo(k)fluoranthene	22.705	252	31817	0.36	ng		96
39) Benzo(a)pyrene	23.215	252	29706	0.40	ng	#	88
40) Dibenzo(a,h)anthracene	25.474	278	30051	0.37	ng	#	94
41) Benzo(g,h,i)perylene	26.114	276	30653	0.36	ng		98

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

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