Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013727.D
Acq On : 22 Feb 2021 12:52
Operator : CG/JU
Sample : PB134752BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134752BSD

Quant Time: Feb 22 13:38:24 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	5299	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	22015	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	13086	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	27904	0.40	ng	#	0.00
29) Chrysene-d12	21.144	240	29110	0.40	ng	#	0.01
36) Perylene-d12	23.308	264	27910	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.188	112	5790	0.50	ng		0.00
5) Phenol-d6	6.750	99	7509	0.52	ng		0.02
8) Nitrobenzene-d5	8.680	82	5053	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	13755	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1945	0.52	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18354	0.37	ng		0.00
27) Fluoranthene-d10	18.975	212	30866	0.41	ng		0.00
31) Terphenyl-d14	19.585	244	24952	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2430	0.41	ng		92
3) n-Nitrosodimethylamine	3.488	42	1876	0.43	ng		85
6) bis(2-Chloroethyl)ether	6.983	93	5371	0.42	ng		99
9) Naphthalene	10.353	128	21366	0.40	ng		100
10) Hexachlorobutadiene	10.644	225	3527	0.39	ng	#	99
12) 2-Methylnaphthalene	11.973	142	14859	0.40	ng		99
16) Acenaphthylene	13.889	152	19483	0.39	ng		100
17) Acenaphthene	14.245	154	13763	0.38	ng		98
18) Fluorene	15.234	166	17942	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	904	0.38	ng	#	75
21) 4-Bromophenyl-phenylether	16.130	248	5212	0.38	ng		99
22) Hexachlorobenzene	16.240	284	5776	0.38	ng		98
23) Atrazine	16.410	200	3651	0.41	ng	#	93
24) Pentachlorophenol	16.593	266	1563	0.55	ng		97
25) Phenanthrene	16.970	178	29304	0.39	ng		100
26) Anthracene	17.067	178	25101	0.40	ng		100
28) Fluoranthene	19.005	202	33623	0.40	ng		99
30) Pyrene	19.367	202	34909	0.40	ng		100
32) Benzo(a)anthracene	21.122	228	34284	0.44	ng		98
33) Chrysene	21.176	228	34064	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.069	149	16993	0.74	ng		98
35) Indeno(1,2,3-cd)pyrene	25.457	276	39342	0.42	ng		100
37) Benzo(b)fluoranthene	22.664	252	35911	0.37	ng		97
38) Benzo(k)fluoranthene	22.705	252	34809	0.36	ng		97
39) Benzo(a)pyrene	23.212	252	32911	0.40	ng	#	90
40) Dibenzo(a,h)anthracene	25.474	278	33194	0.38	ng	#	96
41) Benzo(g,h,i)perylene	26.114	276	34071	0.37	ng		98

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

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