Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013601.D
Acq On : 08 Feb 2021 17:23
Operator : CG/JU
Sample : SP5448
Misc : 8270-SIM SPIKE
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SP5448

Quant Time: Feb 09 01:28:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	7937	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	30842	0.40	ng	#	0.00
13) Acenaphthene-d10	14.181	164	16424	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	31487	0.40	ng	#	0.00
29) Chrysene-d12	21.133	240	23687	0.40	ng		0.00
36) Perylene-d12	23.304	264	18469	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	0.000	112	0d	0.00	ng		
5) Phenol-d6	0.000	99	0d	0.00	ng		
8) Nitrobenzene-d5	0.000	82	0d	0.00	ng		
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.00	ng		
14) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
27) Fluoranthene-d10	0.000	212	0d	0.00	ng		
31) Terphenyl-d14	0.000	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2816	0.32	ng	#	61
3) n-Nitrosodimethylamine	3.488	42	2367	0.37	ng	#	93
6) bis(2-Chloroethyl)ether	6.991	93	7462	0.39	ng		98
9) Naphthalene	10.365	128	27513	0.36	ng		99
10) Hexachlorobutadiene	10.657	225	4527	0.36	ng	#	99
12) 2-Methylnaphthalene	11.982	142	18513	0.36	ng		99
16) Acenaphthylene	13.902	152	22046	0.35	ng		100
17) Acenaphthene	14.245	154	16019	0.35	ng		98
18) Fluorene	15.234	166	19119	0.34	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	789	0.33	ng	#	80
21) 4-Bromophenyl-phenylether	16.130	248	5533	0.35	ng	#	83
22) Hexachlorobenzene	16.252	284	6357	0.37	ng		100
23) Atrazine	16.410	200	2387	0.24	ng		97
24) Pentachlorophenol	16.593	266	1826	0.56	ng		99
25) Phenanthrene	16.970	178	29992	0.35	ng		100
26) Anthracene	17.067	178	23926	0.34	ng		100
28) Fluoranthene	19.005	202	27396	0.29	ng		99
30) Pyrene	19.367	202	27550	0.39	ng		100
32) Benzo(a)anthracene	21.122	228	20254	0.32	ng		99
33) Chrysene	21.176	228	24875	0.34	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	5733	0.31	ng		99
35) Indeno(1,2,3-cd)pyrene	25.450	276	22806	0.30	ng		98
37) Benzo(b)fluoranthene	22.657	252	22252	0.35	ng		97
38) Benzo(k)fluoranthene	22.702	252	21525	0.33	ng	#	97
39) Benzo(a)pyrene	23.208	252	16783	0.31	ng		97
40) Dibenzo(a,h)anthracene	25.467	278	19014	0.33	ng		98
41) Benzo(g,h,i)perylene	26.108	276	20857	0.34	ng		99

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

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