Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015860.D
Acq On : 12 Aug 2021 11:41
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Aug 12 12:15:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 10:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	10036	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	42851	0.400	ng		0.00
13) Acenaphthene-d10	14.547	164	25166	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	52112	0.400	ng		0.00
29) Chrysene-d12	21.493	240	58708	0.400	ng	#	0.00
35) Perylene-d12	23.919	264	57527	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	113907	4.360	ng		0.00
5) Phenol-d6	7.080	99	156605	4.424	ng		0.00
8) Nitrobenzene-d5	9.076	82	189290	5.632	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	335405	4.874	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	66909	5.946	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	447272	4.423	ng		0.00
27) Fluoranthene-d10	19.336	212	823373	5.202	ng		0.00
31) Terphenyl-d14	19.931	244	787770	4.570	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	19309	4.598	ng		96
3) n-Nitrosodimethylamine	3.760	42	54828	5.354	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	119721	4.346	ng		99
9) Naphthalene	10.774	128	523941	4.656	ng		100
10) Hexachlorobutadiene	11.065	225	143069	4.920	ng	#	100
12) 2-Methylnaphthalene	12.385	142	368826	4.721	ng		100
16) Acenaphthylene	14.268	152	531663	4.960	ng		100
17) Acenaphthene	14.611	154	346938	4.880	ng		96
18) Fluorene	15.601	166	430681	4.806	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	42742	8.353	ng	#	75
21) 4-Bromophenyl-phenylether	16.494	248	138775	4.966	ng		99
22) Hexachlorobenzene	16.616	284	175586	4.852	ng		100
23) Atrazine	16.762	200	137005	5.572	ng		98
24) Pentachlorophenol	16.956	266	88869	6.419	ng		100
25) Phenanthrene	17.346	178	685872	4.699	ng		100
26) Anthracene	17.431	178	646226	4.892	ng		99
28) Fluoranthene	19.365	202	831037	4.750	ng		99
30) Pyrene	19.728	202	862073	4.653	ng		100
32) Benzo(a)anthracene	21.482	228	936111	4.906	ng		98
33) Chrysene	21.535	228	888404	4.646	ng		99
34) Bis(2-ethylhexyl)phtha...	21.408	149	491095	5.650	ng		99
36) Indeno(1,2,3-cd)pyrene	26.441	276	990430	5.021	ng		100
37) Benzo(b)fluoranthene	23.183	252	960009	4.774	ng		98
38) Benzo(k)fluoranthene	23.234	252	882726	4.735	ng		99
39) Benzo(a)pyrene	23.813	252	858486	4.931	ng		97
40) Dibenzo(a,h)anthracene	26.465	278	819810	5.115	ng		97
41) Benzo(g,h,i)perylene	27.212	276	842703	4.830	ng		99

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

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