Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080621\
Data File : BN015819.D
Acq On : 06 Aug 2021 21:56
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Aug 07 04:14:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 04:10:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	10756	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	52822	0.400	ng		0.00
13) Acenaphthene-d10	14.560	164	28551	0.400	ng		0.00
19) Phenanthrene-d10	17.309	188	54410	0.400	ng		0.00
29) Chrysene-d12	21.503	240	50196	0.400	ng		0.00
35) Perylene-d12	23.933	264	53192	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	136086	5.174	ng		0.00
5) Phenol-d6	7.080	99	186705	5.876	ng		0.00
8) Nitrobenzene-d5	9.076	82	198540	5.849	ng		-0.01
11) 2-Methylnaphthalene-d10	12.318	152	381481	4.809	ng		0.00
14) 2,4,6-Tribromophenol	16.056	330	73448	7.095	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	483122	4.245	ng		0.00
27) Fluoranthene-d10	19.346	212	735934	5.199	ng		0.00
31) Terphenyl-d14	19.941	244	721278	5.807	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	20381	5.853	ng		94
3) n-Nitrosodimethylamine	3.742	42	53925	7.526	ng	#	95
6) bis(2-Chloroethyl)ether	7.356	93	136403	4.728	ng		99
9) Naphthalene	10.787	128	642419	4.642	ng		99
10) Hexachlorobutadiene	11.078	225	118393	4.899	ng	#	100
12) 2-Methylnaphthalene	12.394	142	442509	4.965	ng		99
16) Acenaphthylene	14.281	152	630990	5.363	ng		100
17) Acenaphthene	14.624	154	403842	4.917	ng		97
18) Fluorene	15.613	166	481081	4.893	ng		99
21) 4-Bromophenyl-phenylether	16.506	248	130424	4.079	ng		97
22) Hexachlorobenzene	16.616	284	169954	4.624	ng		99
23) Atrazine	16.774	200	143281	7.286	ng	#	90
24) Pentachlorophenol	16.956	266	79955	7.034	ng		98
25) Phenanthrene	17.346	178	738476	4.563	ng		100
26) Anthracene	17.443	178	708296	5.206	ng		99
28) Fluoranthene	19.375	202	803117	4.768	ng		100
30) Pyrene	19.738	202	836125	4.991	ng		100
32) Benzo(a)anthracene	21.482	228	834021	5.437	ng		100
33) Chrysene	21.535	228	767513	4.626	ng		99
34) Bis(2-ethylhexyl)phtha...	21.418	149	623170	10.133	ng		100
36) Indeno(1,2,3-cd)pyrene	26.462	276	987969	5.243	ng	#	74
37) Benzo(b)fluoranthene	23.193	252	881492	4.772	ng		97
38) Benzo(k)fluoranthene	23.241	252	821408	4.294	ng		97
39) Benzo(a)pyrene	23.826	252	792403	5.160	ng		96
40) Dibenzo(a,h)anthracene	26.483	278	811637	5.144	ng		96
41) Benzo(g,h,i)perylene	27.236	276	852818	5.178	ng		99

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

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