Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015760.D
Acq On : 02 Aug 2021 10:57
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 02 11:50:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:44:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	36786	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	162621	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	84028	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	156592	0.400	ng		0.00
29) Chrysene-d12	21.366	240	142370	0.400	ng		0.00
35) Perylene-d12	23.714	264	126553	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	34831	0.353	ng		0.00
5) Phenol-d6	6.951	99	41746	0.349	ng		0.00
8) Nitrobenzene-d5	8.924	82	37065	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	97399	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	10411	0.287	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	130290	0.405	ng		0.00
27) Fluoranthene-d10	19.207	212	154497	0.374	ng		0.00
31) Terphenyl-d14	19.813	244	136404	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	4343	0.343	ng		99
3) n-Nitrosodimethylamine	3.715	42	8519	0.348	ng		100
6) bis(2-Chloroethyl)ether	7.218	93	40283	0.412	ng		100
9) Naphthalene	10.622	128	168539	0.398	ng		100
10) Hexachlorobutadiene	10.914	225	29308	0.393	ng	#	100
12) 2-Methylnaphthalene	12.234	142	110169	0.400	ng		100
16) Acenaphthylene	14.129	152	127121	0.344	ng		100
17) Acenaphthene	14.472	154	93407	0.388	ng		100
18) Fluorene	15.461	166	112356	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.538	198	2858	0.237	ng		100
21) 4-Bromophenyl-phenylether	16.360	248	34627	0.379	ng		100
22) Hexachlorobenzene	16.470	284	40733	0.403	ng		100
23) Atrazine	16.628	200	24231	0.347	ng		100
24) Pentachlorophenol	16.823	266	11137	0.294	ng		100
25) Phenanthrene	17.212	178	180955	0.403	ng		100
26) Anthracene	17.298	178	143637	0.354	ng		100
28) Fluoranthene	19.237	202	189085	0.394	ng		100
30) Pyrene	19.599	202	183782	0.387	ng		100
32) Benzo(a)anthracene	21.355	228	160457	0.354	ng		100
33) Chrysene	21.408	228	186449	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	46055	0.191	ng		100
36) Indeno(1,2,3-cd)pyrene	26.113	276	168090	0.370	ng		100
37) Benzo(b)fluoranthene	23.002	252	175866	0.432	ng		100
38) Benzo(k)fluoranthene	23.050	252	182632	0.416	ng		100
39) Benzo(a)pyrene	23.608	252	140719	0.379	ng		100
40) Dibenzo(a,h)anthracene	26.130	278	140346	0.365	ng		100
41) Benzo(g,h,i)perylene	26.846	276	150413	0.379	ng		100

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

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