Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080621\
Data File : BN015813.D
Acq On : 06 Aug 2021 18:15
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 07 04:13:07 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	7952	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	45185	0.400	ng		0.00
13) Acenaphthene-d10	14.560	164	24511	0.400	ng		0.00
19) Phenanthrene-d10	17.309	188	45435	0.400	ng		0.00
29) Chrysene-d12	21.503	240	41941	0.400	ng	#	0.00
35) Perylene-d12	23.943	264	42037	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	2855	0.147	ng		0.00
5) Phenol-d6	7.080	99	4045	0.172	ng		0.00
8) Nitrobenzene-d5	9.088	82	3905	0.134	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	7195	0.106	ng		0.00
14) 2,4,6-Tribromophenol	16.056	330	1519	0.171	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	10933	0.112	ng		0.00
27) Fluoranthene-d10	19.346	212	12933	0.109	ng		0.00
31) Terphenyl-d14	19.946	244	14427	0.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	298	0.116	ng		95
3) n-Nitrosodimethylamine	3.788	42	640	0.121	ng	#	94
6) bis(2-Chloroethyl)ether	7.356	93	2534	0.119	ng		98
9) Naphthalene	10.787	128	13041	0.110	ng		95
10) Hexachlorobutadiene	11.078	225	2341	0.113	ng	#	99
12) 2-Methylnaphthalene	12.394	142	8853	0.116	ng		98
16) Acenaphthylene	14.281	152	12655	0.125	ng		99
17) Acenaphthene	14.624	154	7815	0.111	ng		99
18) Fluorene	15.613	166	9502	0.113	ng		100
20) 4,6-Dinitro-2-methylph...	15.690	198	210	0.076	ng	#	15
21) 4-Bromophenyl-phenylether	16.506	248	2676	0.100	ng	#	93
22) Hexachlorobenzene	16.616	284	3264	0.106	ng		98
23) Atrazine	16.774	200	2716	0.165	ng		90
24) Pentachlorophenol	16.969	266	1070	0.113	ng		98
25) Phenanthrene	17.358	178	14345	0.106	ng		99
26) Anthracene	17.443	178	13946	0.123	ng		100
28) Fluoranthene	19.375	202	16215	0.115	ng		100
30) Pyrene	19.738	202	16598	0.119	ng		100
32) Benzo(a)anthracene	21.493	228	15712	0.123	ng		99
33) Chrysene	21.546	228	15093	0.109	ng		97
34) Bis(2-ethylhexyl)phtha...	21.418	149	12192	0.237	ng		99
36) Indeno(1,2,3-cd)pyrene	26.469	276	16729	0.112	ng	#	74
37) Benzo(b)fluoranthene	23.200	252	16417	0.112	ng	#	87
38) Benzo(k)fluoranthene	23.248	252	15172	0.100	ng	#	87
39) Benzo(a)pyrene	23.830	252	14497	0.119	ng	#	85
40) Dibenzo(a,h)anthracene	26.486	278	13504	0.108	ng	#	76
41) Benzo(g,h,i)perylene	27.239	276	14604	0.112	ng		95

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

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