Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018176.D
Acq On : 23 Dec 2021 11:21
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 23 13:17:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 13:14:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	21714	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	89142	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	53146	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	104198	0.400	ng	0.00
29) Chrysene-d12	21.195	240	108156	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	97770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	41920	0.891	ng	0.00
5) Phenol-d6	6.812	99	45388	0.962	ng	0.00
8) Nitrobenzene-d5	8.772	82	49792	0.787	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	137291	0.929	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	20943	0.858	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	176861	0.955	ng	0.00
27) Fluoranthene-d10	19.033	212	303814	0.873	ng	0.00
31) Terphenyl-d14	19.639	244	210298	0.933	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	11926	0.881	ng	# 57
3) n-Nitrosodimethylamine	3.493	42	17245	0.852	ng	97
6) bis(2-Chloroethyl)ether	7.052	93	49892	0.895	ng	100
9) Naphthalene	10.445	128	194996	0.872	ng	100
10) Hexachlorobutadiene	10.749	225	51421	0.835	ng	# 100
12) 2-Methylnaphthalene	12.069	142	131745	0.943	ng	99
16) Acenaphthylene	13.964	152	180634	0.822	ng	100
17) Acenaphthene	14.319	154	121687	0.870	ng	99
18) Fluorene	15.309	166	153660	0.896	ng	100
20) 4,6-Dinitro-2-methylph...	15.398	198	4410	0.450	ng	# 85
21) 4-Bromophenyl-phenylether	16.202	248	58808	0.932	ng	# 77
22) Hexachlorobenzene	16.312	284	68776	0.913	ng	99
23) Atrazine	16.470	200	35097	0.804	ng	99
24) Pentachlorophenol	16.665	266	15570	0.914	ng	99
25) Phenanthrene	17.030	178	249070	0.939	ng	100
26) Anthracene	17.127	178	211664	0.884	ng	100
28) Fluoranthene	19.063	202	304595	0.921	ng	99
30) Pyrene	19.425	202	307059	0.865	ng	100
32) Benzo(a)anthracene	21.174	228	287466	0.883	ng	99
33) Chrysene	21.227	228	298493	0.860	ng	99
34) Bis(2-ethylhexyl)phtha...	21.121	149	83723	0.524	ng	99
36) Indeno(1,2,3-cd)pyrene	25.682	276	260022	0.795	ng	99
37) Benzo(b)fluoranthene	22.748	252	270745	0.932	ng	99
38) Benzo(k)fluoranthene	22.793	252	284233	1.003	ng	99
39) Benzo(a)pyrene	23.320	252	243674	0.824	ng	99
40) Dibenzo(a,h)anthracene	25.696	278	192523	0.754	ng	98
41) Benzo(g,h,i)perylene	26.370	276	233374	0.762	ng	99

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

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