Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019158.D
Acq On : 25 Mar 2022 15:43
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 25 17:05:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5212	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14113	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	8232	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	17494	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	12928	0.400	ng	#	0.00
35) Perylene-d12	23.779	264	10592	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4694	0.402	ng		0.00
5) Phenol-d6	7.002	99	5016	0.410	ng		0.00
8) Nitrobenzene-d5	8.993	82	3685	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	8164	0.349	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1420	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	12609	0.382	ng		0.00
27) Fluoranthene-d10	19.257	212	18540	0.357	ng		0.00
31) Terphenyl-d14	19.851	244	10729	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2598	0.403	ng		99
3) n-Nitrosodimethylamine	3.564	42	2880	0.383	ng		96
6) bis(2-Chloroethyl)ether	7.255	93	5702	0.391	ng		97
9) Naphthalene	10.690	128	14429	0.359	ng		98
10) Hexachlorobutadiene	10.989	225	3309	0.337	ng	#	99
12) 2-Methylnaphthalene	12.314	142	9505	0.348	ng		100
16) Acenaphthylene	14.196	152	13251	0.347	ng		98
17) Acenaphthene	14.549	154	9828	0.367	ng		98
18) Fluorene	15.532	166	12444	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	986	0.457	ng	#	87
21) 4-Bromophenyl-phenylether	16.415	248	4118	0.373	ng	#	89
22) Hexachlorobenzene	16.538	284	5027	0.354	ng		99
23) Atrazine	16.682	200	2809	0.341	ng		96
24) Pentachlorophenol	16.887	266	1657	0.380	ng		98
25) Phenanthrene	17.267	178	20410	0.373	ng		100
26) Anthracene	17.359	178	16351	0.354	ng		99
28) Fluoranthene	19.286	202	23168	0.361	ng		99
30) Pyrene	19.649	202	23441	0.364	ng		100
32) Benzo(a)anthracene	21.396	228	14143	0.355	ng		99
33) Chrysene	21.449	228	20209	0.376	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	9221	0.349	ng		100
36) Indeno(1,2,3-cd)pyrene	26.232	276	14947m	0.391	ng		
37) Benzo(b)fluoranthene	23.060	252	13795	0.357	ng		96
38) Benzo(k)fluoranthene	23.106	252	18967m	0.358	ng		
39) Benzo(a)pyrene	23.674	252	12174	0.346	ng	#	91
40) Dibenzo(a,h)anthracene	26.246	278	10474	0.352	ng		94
41) Benzo(g,h,i)perylene	26.974	276	16224	0.432	ng		99

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

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