Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014771.D
Acq On : 26 May 2021 18:44
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: May 26 19:16:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	617	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	2326	0.40	ng	#	0.00
13) Acenaphthene-d10	14.359	164	1822	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	4614	0.40	ng		0.00
29) Chrysene-d12	21.314	240	6937	0.40	ng		0.00
35) Perylene-d12	23.582	264	6868	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	1286	0.79	ng		0.00
5) Phenol-d6	6.895	99	1691	0.78	ng		0.00
8) Nitrobenzene-d5	8.870	82	1561	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	3680	0.65	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	758	0.89	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	5399	0.81	ng		-0.01
27) Fluoranthene-d10	19.154	212	14039	0.68	ng		0.00
31) Terphenyl-d14	19.759	244	13102	0.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	576	0.70	ng	#	92
3) n-Nitrosodimethylamine	3.666	42	190	0.61	ng	#	1
6) bis(2-Chloroethyl)ether	7.153	93	1532	0.85	ng		99
9) Naphthalene	10.543	128	5326	0.87	ng	#	93
10) Hexachlorobutadiene	10.847	225	1384	0.94	ng	#	100
12) 2-Methylnaphthalene	12.169	142	3844	0.86	ng		99
16) Acenaphthylene	14.080	152	5602	0.84	ng		98
17) Acenaphthene	14.422	154	4182	0.84	ng		99
18) Fluorene	15.412	166	5927	0.89	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	383	0.73	ng	#	47
21) 4-Bromophenyl-phenylether	16.313	248	2538	0.90	ng		91
22) Hexachlorobenzene	16.423	284	2817	0.94	ng		98
23) Atrazine	16.581	200	1510	0.84	ng	#	93
24) Pentachlorophenol	16.776	266	565	0.57	ng	#	85
25) Phenanthrene	17.153	178	10906	0.86	ng		100
26) Anthracene	17.250	178	8986	0.85	ng		97
28) Fluoranthene	19.183	202	15481	0.92	ng		99
30) Pyrene	19.546	202	15417	0.81	ng		100
32) Benzo(a)anthracene	21.303	228	16210	0.80	ng		98
33) Chrysene	21.346	228	19198	0.91	ng		99
34) Bis(2-ethylhexyl)phtha...	21.239	149	4339	0.77	ng		99
36) Indeno(1,2,3-cd)pyrene	25.865	276	23174	0.84	ng		99
37) Benzo(b)fluoranthene	22.897	252	20349	0.87	ng		95
38) Benzo(k)fluoranthene	22.945	252	21520	0.89	ng		92
39) Benzo(a)pyrene	23.482	252	18432	0.93	ng		93
40) Dibenzo(a,h)anthracene	25.878	278	19352	0.82	ng		94
41) Benzo(g,h,i)perylene	26.560	276	20359	0.90	ng		98

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

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