Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029290.D
Acq On : 18 Jan 2024 15:27
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 18 16:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:38:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	2371	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	6855	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	4131	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	9385	0.400	ng		0.00
29) Chrysene-d12	21.519	240	9683	0.400	ng		0.00
35) Perylene-d12	23.932	264	8684	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	18711	3.185	ng		0.00
5) Phenol-d6	7.103	99	25465	3.266	ng		0.00
8) Nitrobenzene-d5	9.100	82	20365	3.204	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	39338	3.363	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	4720	3.725	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	62243	3.236	ng		0.00
27) Fluoranthene-d10	19.359	212	99120	3.482	ng		0.00
31) Terphenyl-d14	19.968	244	79814	3.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	9077	3.135	ng		99
3) n-Nitrosodimethylamine	3.731	42	10592	3.668	ng	#	97
6) bis(2-Chloroethyl)ether	7.378	93	24147	3.301	ng		99
9) Naphthalene	10.786	128	69806	3.271	ng		98
10) Hexachlorobutadiene	11.075	225	15183	3.282	ng	#	100
12) 2-Methylnaphthalene	12.405	142	47902	3.340	ng		98
16) Acenaphthylene	14.297	152	73643	3.505	ng		99
17) Acenaphthene	14.639	154	47423	3.327	ng		100
18) Fluorene	15.617	166	65614	3.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	5277	3.176	ng	#	68
21) 4-Bromophenyl-phenylether	16.523	248	17902	3.590	ng		99
22) Hexachlorobenzene	16.622	284	27542	3.370	ng		100
23) Atrazine	16.796	200	16642	3.607	ng		100
24) Pentachlorophenol	16.970	266	9493	3.615	ng		96
25) Phenanthrene	17.367	178	104929	3.350	ng		100
26) Anthracene	17.454	178	96584	3.525	ng		100
28) Fluoranthene	19.392	202	134855	3.509	ng		100
30) Pyrene	19.754	202	135364	3.311	ng		100
32) Benzo(a)anthracene	21.510	228	131348	3.516	ng		99
33) Chrysene	21.564	228	130626	3.277	ng		100
34) Bis(2-ethylhexyl)phtha...	21.465	149	55649	3.303	ng		100
36) Indeno(1,2,3-cd)pyrene	26.429	276	144172	3.713	ng		100
37) Benzo(b)fluoranthene	23.201	252	131893	3.605	ng		98
38) Benzo(k)fluoranthene	23.250	252	131391	3.697	ng		97
39) Benzo(a)pyrene	23.826	252	107539	3.651	ng		97
40) Dibenzo(a,h)anthracene	26.458	278	118349	3.776	ng		98
41) Benzo(g,h,i)perylene	27.189	276	123099	3.721	ng		98

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

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