Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029286.D
Acq On : 18 Jan 2024 13:03
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 18 16:43:21 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	3093	0.400	ng		0.00
7) Naphthalene-d8	10.733	136	8548	0.400	ng		#-0.01
13) Acenaphthene-d10	14.575	164	4838	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	11689	0.400	ng		0.00
29) Chrysene-d12	21.528	240	10130	0.400	ng		# 0.00
35) Perylene-d12	23.935	264	10279	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.500	112	1569	0.205	ng		0.00
5) Phenol-d6	7.096	99	2056	0.202	ng		0.00
8) Nitrobenzene-d5	9.099	82	1644	0.207	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	2775	0.190	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	257	0.173	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	4702	0.209	ng		0.00
27) Fluoranthene-d10	19.359	212	6520	0.184	ng		0.00
31) Terphenyl-d14	19.968	244	5274	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	719	0.190	ng		95
3) n-Nitrosodimethylamine	3.752	42	623	0.165	ng	#	98
6) bis(2-Chloroethyl)ether	7.370	93	1937	0.203	ng		98
9) Naphthalene	10.786	128	5395	0.203	ng		98
10) Hexachlorobutadiene	11.064	225	1156	0.200	ng	#	99
12) 2-Methylnaphthalene	12.401	142	3545	0.198	ng		98
16) Acenaphthylene	14.297	152	4743	0.193	ng		99
17) Acenaphthene	14.639	154	3395	0.203	ng		99
18) Fluorene	15.617	166	4522	0.198	ng		99
20) 4,6-Dinitro-2-methylph...	15.704	198	258	0.273	ng	#	44
21) 4-Bromophenyl-phenylether	16.523	248	1166	0.188	ng		98
22) Hexachlorobenzene	16.622	284	2024	0.199	ng		100
23) Atrazine	16.796	200	1023	0.178	ng		93
24) Pentachlorophenol	16.970	266	478	0.146	ng		94
25) Phenanthrene	17.367	178	7690	0.197	ng		99
26) Anthracene	17.454	178	6533	0.191	ng		99
28) Fluoranthene	19.392	202	8791	0.184	ng		99
30) Pyrene	19.754	202	8978	0.210	ng		99
32) Benzo(a)anthracene	21.510	228	7539	0.193	ng		99
33) Chrysene	21.564	228	8395	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.465	149	3346	0.190	ng		99
36) Indeno(1,2,3-cd)pyrene	26.428	276	8158	0.177	ng		100
37) Benzo(b)fluoranthene	23.201	252	8037	0.186	ng		95
38) Benzo(k)fluoranthene	23.250	252	7763	0.185	ng		95
39) Benzo(a)pyrene	23.826	252	6271	0.180	ng	#	93
40) Dibenzo(a,h)anthracene	26.458	278	6479	0.175	ng		94
41) Benzo(g,h,i)perylene	27.192	276	7240	0.185	ng		96

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

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