Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029288.D
Acq On : 18 Jan 2024 14:15
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 18 16:44:13 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	2569	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	7196	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	4212	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	10112	0.400	ng		0.00
29) Chrysene-d12	21.528	240	9737	0.400	ng	#	0.00
35) Perylene-d12	23.935	264	9331	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	5302	0.833	ng		0.00
5) Phenol-d6	7.103	99	6832	0.809	ng		0.00
8) Nitrobenzene-d5	9.100	82	5330	0.799	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	10116	0.824	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	999	0.773	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	16420	0.837	ng		0.00
27) Fluoranthene-d10	19.359	212	24916	0.812	ng		0.00
31) Terphenyl-d14	19.968	244	19938	0.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	2579	0.822	ng		98
3) n-Nitrosodimethylamine	3.745	42	2660	0.850	ng	#	99
6) bis(2-Chloroethyl)ether	7.378	93	6617	0.835	ng		100
9) Naphthalene	10.787	128	18735	0.836	ng		99
10) Hexachlorobutadiene	11.075	225	4142	0.853	ng	#	98
12) 2-Methylnaphthalene	12.405	142	12372	0.822	ng		99
16) Acenaphthylene	14.297	152	17492	0.817	ng		99
17) Acenaphthene	14.639	154	12058	0.830	ng		99
18) Fluorene	15.617	166	16519	0.830	ng		99
20) 4,6-Dinitro-2-methylph...	15.704	198	1192	0.787	ng	#	81
21) 4-Bromophenyl-phenylether	16.523	248	4297	0.800	ng		99
22) Hexachlorobenzene	16.622	284	7142	0.811	ng		98
23) Atrazine	16.796	200	4071	0.819	ng		97
24) Pentachlorophenol	16.970	266	2079	0.735	ng		94
25) Phenanthrene	17.367	178	27298	0.809	ng		99
26) Anthracene	17.454	178	23709	0.803	ng		100
28) Fluoranthene	19.392	202	33663	0.813	ng		100
30) Pyrene	19.754	202	33497	0.815	ng		100
32) Benzo(a)anthracene	21.510	228	30353	0.808	ng		99
33) Chrysene	21.564	228	33383	0.833	ng		99
34) Bis(2-ethylhexyl)phtha...	21.465	149	12764	0.753	ng		100
36) Indeno(1,2,3-cd)pyrene	26.431	276	33998	0.815	ng		100
37) Benzo(b)fluoranthene	23.201	252	32339	0.823	ng		100
38) Benzo(k)fluoranthene	23.251	252	31094	0.814	ng		99
39) Benzo(a)pyrene	23.829	252	26414	0.835	ng		99
40) Dibenzo(a,h)anthracene	26.464	278	27570	0.819	ng		100
41) Benzo(g,h,i)perylene	27.192	276	28452	0.800	ng		100

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

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