Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029291.D
Acq On : 18 Jan 2024 16:03
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 18 16:45:34 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	2875	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	8122	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	5073	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	11519	0.400	ng		0.00
29) Chrysene-d12	21.528	240	12398	0.400	ng	#	0.00
35) Perylene-d12	23.932	264	11069	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	33518	4.705	ng		0.00
5) Phenol-d6	7.103	99	45446	4.806	ng		0.00
8) Nitrobenzene-d5	9.100	82	35995	4.780	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	68886	4.971	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	9406	6.044	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	108440	4.591	ng		0.00
27) Fluoranthene-d10	19.359	212	185882	5.321	ng		0.00
31) Terphenyl-d14	19.968	244	146833	4.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	16421	4.678	ng		99
3) n-Nitrosodimethylamine	3.731	42	19315	5.516	ng	#	99
6) bis(2-Chloroethyl)ether	7.378	93	42348	4.774	ng		99
9) Naphthalene	10.787	128	120362	4.761	ng		98
10) Hexachlorobutadiene	11.064	225	25655	4.681	ng	#	100
12) 2-Methylnaphthalene	12.405	142	83513	4.915	ng		99
16) Acenaphthylene	14.297	152	134806	5.225	ng		99
17) Acenaphthene	14.639	154	85485	4.883	ng		99
18) Fluorene	15.617	166	117820	4.916	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	10451	5.030	ng	#	66
21) 4-Bromophenyl-phenylether	16.523	248	33699	5.505	ng		98
22) Hexachlorobenzene	16.622	284	49287	4.914	ng		99
23) Atrazine	16.796	200	32272	5.700	ng		99
24) Pentachlorophenol	16.970	266	18803	5.834	ng		95
25) Phenanthrene	17.367	178	190510	4.955	ng		100
26) Anthracene	17.454	178	179734	5.345	ng		100
28) Fluoranthene	19.392	202	246969	5.236	ng		100
30) Pyrene	19.754	202	250364	4.783	ng		100
32) Benzo(a)anthracene	21.510	228	247790	5.181	ng		99
33) Chrysene	21.564	228	241128	4.725	ng		100
34) Bis(2-ethylhexyl)phtha...	21.465	149	116401	5.395	ng		100
36) Indeno(1,2,3-cd)pyrene	26.429	276	273714	5.530	ng		100
37) Benzo(b)fluoranthene	23.201	252	248129	5.321	ng		98
38) Benzo(k)fluoranthene	23.251	252	246990	5.453	ng		98
39) Benzo(a)pyrene	23.827	252	206284	5.494	ng		97
40) Dibenzo(a,h)anthracene	26.461	278	223000	5.581	ng		99
41) Benzo(g,h,i)perylene	27.192	276	230961	5.477	ng		99

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

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