Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029285.D
Acq On : 18 Jan 2024 12:23
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 18 16:42:51 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	7.926	152	3022	0.400	ng		-0.01
7) Naphthalene-d8	10.733	136	8464	0.400	ng		#-0.01
13) Acenaphthene-d10	14.564	164	4969	0.400	ng		-0.01
19) Phenanthrene-d10	17.317	188	11980	0.400	ng		#-0.01
29) Chrysene-d12	21.528	240	11634	0.400	ng		# 0.00
35) Perylene-d12	23.937	264	11730	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	845	0.113	ng		-0.01
5) Phenol-d6	7.089	99	1125	0.113	ng		-0.01
8) Nitrobenzene-d5	9.089	82	866	0.110	ng		-0.01
11) 2-Methylnaphthalene-d10	12.325	152	1418	0.098	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	136	0.089	ng		0.00
15) 2-Fluorobiphenyl	13.196	172	2380	0.103	ng		-0.01
27) Fluoranthene-d10	19.359	212	3379	0.093	ng		0.00
31) Terphenyl-d14	19.968	244	2897	0.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	358	0.097	ng		94
3) n-Nitrosodimethylamine	3.745	42	334	0.091	ng	#	96
6) bis(2-Chloroethyl)ether	7.363	93	963	0.103	ng		98
9) Naphthalene	10.776	128	2758	0.105	ng	#	93
10) Hexachlorobutadiene	11.064	225	578	0.101	ng	#	98
12) 2-Methylnaphthalene	12.397	142	1832	0.103	ng		97
16) Acenaphthylene	14.286	152	2414	0.096	ng		100
17) Acenaphthene	14.628	154	1714	0.100	ng		98
18) Fluorene	15.617	166	2356	0.100	ng		100
21) 4-Bromophenyl-phenylether	16.523	248	573	0.090	ng		97
22) Hexachlorobenzene	16.622	284	1062	0.102	ng		98
23) Atrazine	16.796	200	524	0.089	ng		90
25) Phenanthrene	17.367	178	4255	0.106	ng		99
26) Anthracene	17.454	178	3359	0.096	ng		98
28) Fluoranthene	19.392	202	4838	0.099	ng		99
30) Pyrene	19.754	202	4989	0.102	ng		99
32) Benzo(a)anthracene	21.510	228	4362	0.097	ng		98
33) Chrysene	21.563	228	5211	0.109	ng		97
34) Bis(2-ethylhexyl)phtha...	21.465	149	2488	0.123	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.434	276	5050	0.096	ng	#	86
37) Benzo(b)fluoranthene	23.203	252	4882	0.099	ng	#	87
38) Benzo(k)fluoranthene	23.253	252	4435	0.092	ng	#	87
39) Benzo(a)pyrene	23.829	252	4012	0.101	ng	#	80
40) Dibenzo(a,h)anthracene	26.466	278	3914	0.092	ng	#	85
41) Benzo(g,h,i)perylene	27.194	276	4084	0.091	ng		93

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

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