Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012924\
Data File : BN029403.D
Acq On : 29 Jan 2024 16:27
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 30 03:22:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	3190	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	8697	0.400	ng		0.00
13) Acenaphthene-d10	14.543	164	4004	0.400	ng		0.00
19) Phenanthrene-d10	17.293	188	7848	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5815	0.400	ng		0.00
35) Perylene-d12	23.885	264	5799	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	5772	0.662	ng		0.00
5) Phenol-d6	7.067	99	6793	0.580	ng		0.00
8) Nitrobenzene-d5	9.067	82	5598	0.611	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	9201	0.663	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	950	0.539	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	13673	0.739	ng		0.00
27) Fluoranthene-d10	19.331	212	14675	0.649	ng		0.00
31) Terphenyl-d14	19.940	244	11043	0.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	3343	0.778	ng		95
3) n-Nitrosodimethylamine	3.709	42	2788	0.666	ng	#	92
6) bis(2-Chloroethyl)ether	7.334	93	6676	0.612	ng		99
9) Naphthalene	10.754	128	19273	0.697	ng		99
10) Hexachlorobutadiene	11.032	225	3733	0.737	ng	#	99
12) 2-Methylnaphthalene	12.367	142	11323	0.636	ng		99
16) Acenaphthylene	14.265	152	14759	0.697	ng		99
17) Acenaphthene	14.607	154	9969	0.705	ng		100
18) Fluorene	15.592	166	12517	0.666	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	878	0.645	ng	#	69
21) 4-Bromophenyl-phenylether	16.486	248	3656	0.686	ng		98
22) Hexachlorobenzene	16.585	284	4492	0.735	ng		99
23) Atrazine	16.771	200	2533	0.634	ng		97
24) Pentachlorophenol	16.933	266	1411	0.622	ng		99
25) Phenanthrene	17.330	178	17920	0.671	ng		99
26) Anthracene	17.429	178	14868	0.630	ng		100
28) Fluoranthene	19.359	202	20203	0.644	ng		100
30) Pyrene	19.721	202	20216	0.766	ng		100
32) Benzo(a)anthracene	21.483	228	14951	0.632	ng		99
33) Chrysene	21.537	228	17540	0.713	ng		98
34) Bis(2-ethylhexyl)phtha...	21.429	149	9666	0.665	ng		99
36) Indeno(1,2,3-cd)pyrene	26.349	276	18572	0.740	ng		92
37) Benzo(b)fluoranthene	23.157	252	16523	0.674	ng		95
38) Benzo(k)fluoranthene	23.207	252	16726	0.701	ng		94
39) Benzo(a)pyrene	23.777	252	14176	0.717	ng		92
40) Dibenzo(a,h)anthracene	26.385	278	14643	0.725	ng		91
41) Benzo(g,h,i)perylene	27.104	276	18241	0.831	ng		98

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

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