Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029332.D
Acq On : 22 Jan 2024 15:24
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 23 01:28:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 01:24:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3364	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	8975	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	4836	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11127	0.400	ng		0.00
29) Chrysene-d12	21.510	240	9372	0.400	ng		0.00
35) Perylene-d12	23.905	264	9290	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	1769	0.212	ng		0.00
5) Phenol-d6	7.074	99	2344	0.212	ng		0.00
8) Nitrobenzene-d5	9.078	82	1939	0.233	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	2833	0.185	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	497	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	4759	0.211	ng		0.00
27) Fluoranthene-d10	19.341	212	6130	0.182	ng		0.00
31) Terphenyl-d14	19.949	244	4895	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	839	0.204	ng		98
3) n-Nitrosodimethylamine	3.731	42	781	0.191	ng	#	97
6) bis(2-Chloroethyl)ether	7.349	93	2170	0.209	ng		100
9) Naphthalene	10.765	128	5762	0.206	ng		99
10) Hexachlorobutadiene	11.043	225	1237	0.204	ng	#	99
12) 2-Methylnaphthalene	12.382	142	3642	0.194	ng		98
16) Acenaphthylene	14.276	152	4800	0.195	ng		99
17) Acenaphthene	14.618	154	3397	0.204	ng		99
18) Fluorene	15.605	166	4634	0.203	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	346	0.212	ng	#	70
21) 4-Bromophenyl-phenylether	16.511	248	1638	0.277	ng		98
22) Hexachlorobenzene	16.598	284	2031	0.210	ng		99
23) Atrazine	16.784	200	1102	0.201	ng		97
24) Pentachlorophenol	16.945	266	544	0.182	ng		96
25) Phenanthrene	17.342	178	7613	0.205	ng		100
26) Anthracene	17.442	178	6345	0.195	ng		99
28) Fluoranthene	19.373	202	8514	0.187	ng		99
30) Pyrene	19.736	202	8652	0.219	ng		100
32) Benzo(a)anthracene	21.492	228	7402	0.205	ng		99
33) Chrysene	21.546	228	7924	0.205	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	4059	0.249	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.385	276	6986	0.168	ng		100
37) Benzo(b)fluoranthene	23.175	252	7637	0.195	ng		96
38) Benzo(k)fluoranthene	23.224	252	7282	0.192	ng	#	94
39) Benzo(a)pyrene	23.797	252	5658	0.180	ng		94
40) Dibenzo(a,h)anthracene	26.417	278	5565	0.166	ng		95
41) Benzo(g,h,i)perylene	27.145	276	6260	0.177	ng		98

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

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