Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029331.D
Acq On : 22 Jan 2024 14:48
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 23 01:28:16 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	3574	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	9353	0.400	ng	#	0.01
13) Acenaphthene-d10	14.554	164	4935	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11635	0.400	ng		0.00
29) Chrysene-d12	21.510	240	9537	0.400	ng		0.00
35) Perylene-d12	23.902	264	9310	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	1018	0.115	ng		0.00
5) Phenol-d6	7.081	99	1384	0.118	ng		0.00
8) Nitrobenzene-d5	9.078	82	1121	0.129	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	1481	0.093	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	300	0.198	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	2555	0.111	ng		0.00
27) Fluoranthene-d10	19.340	212	3229	0.092	ng		0.00
31) Terphenyl-d14	19.949	244	2734	0.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	494	0.113	ng		96
3) n-Nitrosodimethylamine	3.730	42	404	0.093	ng	#	91
6) bis(2-Chloroethyl)ether	7.356	93	1209	0.110	ng		97
9) Naphthalene	10.765	128	3135	0.108	ng		97
10) Hexachlorobutadiene	11.043	225	637	0.101	ng	#	99
12) 2-Methylnaphthalene	12.382	142	1973	0.101	ng		98
16) Acenaphthylene	14.276	152	2520	0.100	ng		98
17) Acenaphthene	14.618	154	1852	0.109	ng		98
18) Fluorene	15.604	166	2488	0.107	ng		98
20) 4,6-Dinitro-2-methylph...	15.679	198	194	0.113	ng	#	31
21) 4-Bromophenyl-phenylether	16.511	248	887	0.143	ng		99
22) Hexachlorobenzene	16.597	284	1067	0.105	ng		98
23) Atrazine	16.784	200	571	0.100	ng	#	90
24) Pentachlorophenol	16.957	266	273	0.087	ng		93
25) Phenanthrene	17.342	178	4163	0.107	ng		99
26) Anthracene	17.441	178	3465	0.102	ng		99
28) Fluoranthene	19.373	202	4603	0.097	ng		100
30) Pyrene	19.735	202	4704	0.117	ng		99
32) Benzo(a)anthracene	21.492	228	3925	0.107	ng		98
33) Chrysene	21.546	228	4179	0.106	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	3051	0.184	ng		97
36) Indeno(1,2,3-cd)pyrene	26.384	276	3500	0.084	ng	#	87
37) Benzo(b)fluoranthene	23.174	252	4031	0.103	ng	#	89
38) Benzo(k)fluoranthene	23.224	252	3752	0.098	ng	#	86
39) Benzo(a)pyrene	23.797	252	2906	0.092	ng	#	82
40) Dibenzo(a,h)anthracene	26.417	278	2773	0.083	ng	#	87
41) Benzo(g,h,i)perylene	27.142	276	3204	0.090	ng		92

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

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