Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030456.D
Acq On : 21 Mar 2024 20:52
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 21 23:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	10764	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	29457	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	15351	0.400	ng		0.00
19) Phenanthrene-d10	17.106	188	32447	0.400	ng		0.00
29) Chrysene-d12	21.304	240	25423	0.400	ng		0.00
35) Perylene-d12	23.560	264	21931	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	135063	5.078	ng		0.00
5) Phenol-d6	6.887	99	179426	5.161	ng		0.00
8) Nitrobenzene-d5	8.875	82	119110	5.251	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	218896	5.104	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	33286	5.955	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	323963	4.887	ng		0.00
27) Fluoranthene-d10	19.145	212	434823	5.373	ng		0.00
31) Terphenyl-d14	19.754	244	276201	4.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	63616	4.575	ng		97
3) n-Nitrosodimethylamine	3.557	42	65234	4.869	ng	#	97
6) bis(2-Chloroethyl)ether	7.161	93	161561	4.854	ng		99
9) Naphthalene	10.562	128	424587	4.987	ng		99
10) Hexachlorobutadiene	10.850	225	76848	4.845	ng	#	99
12) 2-Methylnaphthalene	12.178	142	274767	5.047	ng		99
16) Acenaphthylene	14.083	152	421345	5.341	ng		100
17) Acenaphthene	14.425	154	272070	5.149	ng		97
18) Fluorene	15.420	166	360767	5.119	ng		100
21) 4-Bromophenyl-phenylether	16.312	248	108428	5.165	ng		96
22) Hexachlorobenzene	16.411	284	127405	5.024	ng		99
23) Atrazine	16.585	200	85395	5.645	ng		99
25) Phenanthrene	17.156	178	531124	5.116	ng		100
26) Anthracene	17.243	178	493309	5.395	ng		100
28) Fluoranthene	19.178	202	609175	5.187	ng		99
30) Pyrene	19.540	202	622138	4.895	ng		100
32) Benzo(a)anthracene	21.295	228	551288	5.357	ng		100
33) Chrysene	21.340	228	534493	4.895	ng		100
34) Bis(2-ethylhexyl)phtha...	21.250	149	264329	6.057	ng		99
36) Indeno(1,2,3-cd)pyrene	25.847	276	529665	5.970	ng		99
37) Benzo(b)fluoranthene	22.885	252	526640	5.471	ng		96
38) Benzo(k)fluoranthene	22.929	252	510262	5.322	ng	#	95
39) Benzo(a)pyrene	23.464	252	427709	5.753	ng	#	93
40) Dibenzo(a,h)anthracene	25.873	278	422801	5.930	ng		96
41) Benzo(g,h,i)perylene	26.542	276	451350	5.743	ng		97

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

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