Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029347.D
Acq On : 23 Jan 2024 14:59
Operator : MA/JU
Sample : IDOC-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-01

Quant Time: Jan 24 02:01:37 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 02:16:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	3568	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	10148	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5168	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11934	0.400	ng		0.00
29) Chrysene-d12	21.505	240	9837	0.400	ng	#	0.00
35) Perylene-d12	23.907	264	9788	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	3606	0.381	ng		0.00
5) Phenol-d6	7.082	99	4822	0.381	ng		0.00
8) Nitrobenzene-d5	9.078	82	3056	0.284	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	6009	0.358	ng		0.00
14) 2,4,6-Tribromophenol	16.052	330	728	0.270	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	7454	0.299	ng		0.00
27) Fluoranthene-d10	19.345	212	9423	0.266	ng		0.00
31) Terphenyl-d14	19.949	244	7540	0.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1444	0.312	ng	#	49
3) n-Nitrosodimethylamine	3.716	42	1347	0.286	ng		96
6) bis(2-Chloroethyl)ether	7.349	93	3537	0.303	ng		98
9) Naphthalene	10.765	128	8803	0.270	ng		100
10) Hexachlorobutadiene	11.043	225	1677	0.244	ng	#	98
12) 2-Methylnaphthalene	12.378	142	5458	0.257	ng		98
16) Acenaphthylene	14.276	152	8316	0.302	ng		100
17) Acenaphthene	14.618	154	5060	0.273	ng		98
18) Fluorene	15.605	166	6739	0.268	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	508	0.231	ng		95
21) 4-Bromophenyl-phenylether	16.498	248	2193	0.252	ng	#	60
22) Hexachlorobenzene	16.598	284	2629	0.244	ng		95
23) Atrazine	16.784	200	1603	0.252	ng		95
24) Pentachlorophenol	16.945	266	1050	0.292	ng		98
25) Phenanthrene	17.342	178	11283	0.276	ng		99
26) Anthracene	17.442	178	9633	0.266	ng		100
28) Fluoranthene	19.373	202	12136	0.248	ng		98
30) Pyrene	19.736	202	12733	0.284	ng		100
32) Benzo(a)anthracene	21.487	228	11515	0.281	ng		99
33) Chrysene	21.541	228	11338	0.268	ng		99
34) Bis(2-ethylhexyl)phtha...	21.443	149	5953	0.263	ng		99
36) Indeno(1,2,3-cd)pyrene	26.383	276	12378	0.296	ng	#	83
37) Benzo(b)fluoranthene	23.176	252	11497	0.276	ng		97
38) Benzo(k)fluoranthene	23.229	252	11117	0.272	ng	#	96
39) Benzo(a)pyrene	23.799	252	9035	0.275	ng	#	96
40) Dibenzo(a,h)anthracene	26.418	278	9951	0.294	ng		96
41) Benzo(g,h,i)perylene	27.143	276	10694	0.295	ng		97

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

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