Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029344.D
Acq On : 23 Jan 2024 13:11
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Jan 24 01:59:48 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	7.919	152	3267	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9117	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	4704	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	10891	0.400	ng		0.00
29) Chrysene-d12	21.510	240	9051	0.400	ng		0.00
35) Perylene-d12	23.905	264	9120	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	3412	0.393	ng		0.00
5) Phenol-d6	7.082	99	4571	0.394	ng		0.00
8) Nitrobenzene-d5	9.078	82	2849	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	5688	0.377	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	706	0.288	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	7058	0.312	ng		0.00
27) Fluoranthene-d10	19.341	212	9097	0.282	ng		0.00
31) Terphenyl-d14	19.949	244	7206	0.311	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1386	0.327	ng	#	47
3) n-Nitrosodimethylamine	3.716	42	1245	0.289	ng	#	92
6) bis(2-Chloroethyl)ether	7.349	93	3369	0.315	ng		98
9) Naphthalene	10.765	128	8374	0.286	ng		100
10) Hexachlorobutadiene	11.043	225	1593	0.258	ng	#	99
12) 2-Methylnaphthalene	12.378	142	5143	0.270	ng		98
16) Acenaphthylene	14.276	152	7708	0.307	ng		98
17) Acenaphthene	14.618	154	4750	0.282	ng		99
18) Fluorene	15.605	166	6360	0.278	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	513	0.256	ng		95
21) 4-Bromophenyl-phenylether	16.498	248	2100	0.264	ng	#	64
22) Hexachlorobenzene	16.598	284	2517	0.256	ng		96
23) Atrazine	16.784	200	1562	0.269	ng		97
24) Pentachlorophenol	16.945	266	962	0.293	ng		93
25) Phenanthrene	17.342	178	10926	0.293	ng		99
26) Anthracene	17.442	178	9287	0.281	ng		100
28) Fluoranthene	19.373	202	11702	0.262	ng		98
30) Pyrene	19.735	202	12149	0.294	ng		100
32) Benzo(a)anthracene	21.492	228	10960	0.290	ng		99
33) Chrysene	21.546	228	11362	0.292	ng		99
34) Bis(2-ethylhexyl)phtha...	21.447	149	5775	0.278	ng		98
36) Indeno(1,2,3-cd)pyrene	26.388	276	12380	0.318	ng		97
37) Benzo(b)fluoranthene	23.177	252	11231	0.289	ng	#	96
38) Benzo(k)fluoranthene	23.227	252	10691	0.280	ng	#	97
39) Benzo(a)pyrene	23.803	252	8898	0.291	ng		97
40) Dibenzo(a,h)anthracene	26.417	278	10052	0.319	ng		98
41) Benzo(g,h,i)perylene	27.148	276	10606	0.314	ng		97

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

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