Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029350.D
Acq On : 23 Jan 2024 16:47
Operator : MA/JU
Sample : IDOC-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Quant Time: Jan 24 02:03:49 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	3801	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	10618	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5334	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	12410	0.400	ng		0.00
29) Chrysene-d12	21.510	240	10119	0.400	ng		0.00
35) Perylene-d12	23.905	264	9961	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	4037	0.400	ng		0.00
5) Phenol-d6	7.082	99	5315	0.394	ng		0.00
8) Nitrobenzene-d5	9.078	82	3336	0.296	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	6632	0.377	ng		0.00
14) 2,4,6-Tribromophenol	16.052	330	777	0.280	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	8201	0.319	ng		0.00
27) Fluoranthene-d10	19.341	212	10287	0.280	ng		0.00
31) Terphenyl-d14	19.949	244	8228	0.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1634	0.331	ng	#	58
3) n-Nitrosodimethylamine	3.716	42	1534	0.306	ng	#	96
6) bis(2-Chloroethyl)ether	7.349	93	3916	0.314	ng		98
9) Naphthalene	10.765	128	9836	0.288	ng		99
10) Hexachlorobutadiene	11.043	225	1865	0.260	ng	#	100
12) 2-Methylnaphthalene	12.378	142	6024	0.271	ng		97
16) Acenaphthylene	14.276	152	8946	0.315	ng		100
17) Acenaphthene	14.618	154	5524	0.289	ng		98
18) Fluorene	15.605	166	7393	0.285	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	553	0.242	ng		95
21) 4-Bromophenyl-phenylether	16.498	248	2310	0.255	ng	#	64
22) Hexachlorobenzene	16.598	284	2804	0.251	ng		94
23) Atrazine	16.784	200	1765	0.266	ng		98
24) Pentachlorophenol	16.945	266	1057	0.283	ng		99
25) Phenanthrene	17.342	178	12266	0.288	ng		99
26) Anthracene	17.442	178	10669	0.283	ng		99
28) Fluoranthene	19.373	202	13379	0.262	ng		98
30) Pyrene	19.736	202	13830	0.300	ng		99
32) Benzo(a)anthracene	21.492	228	12390	0.294	ng		100
33) Chrysene	21.546	228	12550	0.289	ng		100
34) Bis(2-ethylhexyl)phtha...	21.447	149	6617	0.285	ng		99
36) Indeno(1,2,3-cd)pyrene	26.385	276	12711	0.299	ng		96
37) Benzo(b)fluoranthene	23.177	252	12204	0.288	ng		96
38) Benzo(k)fluoranthene	23.227	252	11962	0.287	ng	#	97
39) Benzo(a)pyrene	23.797	252	9533	0.286	ng		95
40) Dibenzo(a,h)anthracene	26.414	278	10284	0.299	ng		97
41) Benzo(g,h,i)perylene	27.145	276	10854	0.294	ng		97

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

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