Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020124\
Data File : BN029480.D
Acq On : 01 Feb 2024 11:03
Operator : MA/JU
Sample : PB158718BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158718BS

Quant Time: Feb 01 11:31:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	3969	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	10681	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4594	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	7989	0.400	ng	#	0.00
29) Chrysene-d12	21.492	240	4523	0.400	ng	#	0.00
35) Perylene-d12	23.873	264	4193	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3777	0.396	ng		0.00
5) Phenol-d6	7.060	99	4384	0.399	ng		0.00
8) Nitrobenzene-d5	9.057	82	3427	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	7594	0.522	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	483	0.328	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	7980	0.405	ng		0.00
27) Fluoranthene-d10	19.322	212	6893	0.356	ng		0.00
31) Terphenyl-d14	19.930	244	4756	0.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1759	0.315	ng	#	52
3) n-Nitrosodimethylamine	3.701	42	1693	0.372	ng		93
6) bis(2-Chloroethyl)ether	7.327	93	4156	0.396	ng		100
9) Naphthalene	10.744	128	11353	0.373	ng		99
10) Hexachlorobutadiene	11.021	225	2083	0.361	ng	#	100
12) 2-Methylnaphthalene	12.359	142	6698	0.375	ng		99
16) Acenaphthylene	14.254	152	8644	0.396	ng		99
17) Acenaphthene	14.596	154	5359	0.366	ng		100
18) Fluorene	15.580	166	6584	0.358	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	429	0.366	ng	#	67
21) 4-Bromophenyl-phenylether	16.486	248	1795	0.378	ng	#	75
22) Hexachlorobenzene	16.585	284	2271	0.389	ng		99
23) Atrazine	16.759	200	1273	0.377	ng		97
24) Pentachlorophenol	16.933	266	1209	0.654	ng		98
25) Phenanthrene	17.330	178	9083	0.384	ng		99
26) Anthracene	17.417	178	7569	0.376	ng		99
28) Fluoranthene	19.350	202	8664	0.326	ng		99
30) Pyrene	19.717	202	8728	0.419	ng		99
32) Benzo(a)anthracene	21.474	228	6132	0.397	ng		99
33) Chrysene	21.528	228	7130	0.406	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	3873	0.368	ng		98
36) Indeno(1,2,3-cd)pyrene	26.332	276	6936	0.411	ng	#	84
37) Benzo(b)fluoranthene	23.145	252	5979	0.399	ng		95
38) Benzo(k)fluoranthene	23.198	252	6118	0.390	ng		95
39) Benzo(a)pyrene	23.765	252	5606	0.429	ng		92
40) Dibenzo(a,h)anthracene	26.361	278	5279	0.393	ng		100
41) Benzo(g,h,i)perylene	27.086	276	6129	0.375	ng		96

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

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