Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027142.D
Acq On : 26 Aug 2023 06:49
Operator : MA/JU
Sample : PB154921BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154921BS

Quant Time: Aug 26 22:31:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	6334	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	16104	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	10400	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	23308	0.400	ng		0.00
29) Chrysene-d12	21.632	240	18777	0.400	ng		0.00
35) Perylene-d12	24.165	264	18292	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.596	112	5994	0.336	ng		0.00
5) Phenol-d6	7.214	99	7257	0.329	ng		0.00
8) Nitrobenzene-d5	9.273	82	4595	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.479	152	10091	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.202	330	1419	0.256	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	15778	0.409	ng		0.00
27) Fluoranthene-d10	19.477	212	22528	0.377	ng		0.00
31) Terphenyl-d14	20.062	244	15122	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	2904	0.426	ng		99
3) n-Nitrosodimethylamine	3.812	42	3226	0.425	ng		92
6) bis(2-Chloroethyl)ether	7.510	93	7547	0.407	ng		96
9) Naphthalene	10.960	128	17428	0.411	ng		100
10) Hexachlorobutadiene	11.194	225	3834	0.443	ng	#	100
12) 2-Methylnaphthalene	12.551	142	13041	0.394	ng		100
16) Acenaphthylene	14.437	152	19475	0.392	ng		100
17) Acenaphthene	14.769	154	12706	0.414	ng		98
18) Fluorene	15.755	166	16792	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	16.909	198	154	0.421	ng	#	41
21) 4-Bromophenyl-phenylether	16.636	248	4927	0.370	ng	#	72
22) Hexachlorobenzene	16.723	284	6103	0.429	ng		98
23) Atrazine	16.909	200	3611	0.305	ng		99
24) Pentachlorophenol	17.083	266	1817	0.253	ng		99
25) Phenanthrene	17.492	178	26498	0.395	ng		99
26) Anthracene	17.592	178	22166	0.355	ng		100
28) Fluoranthene	19.504	202	30643	0.386	ng		99
30) Pyrene	19.871	202	31269	0.433	ng		100
32) Benzo(a)anthracene	21.614	228	24815	0.366	ng		99
33) Chrysene	21.668	228	28818	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.489	149	11683	0.239	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.840	276	27587	0.368	ng		98
37) Benzo(b)fluoranthene	23.373	252	27317	0.446	ng	#	96
38) Benzo(k)fluoranthene	23.426	252	27338	0.434	ng	#	95
39) Benzo(a)pyrene	24.048	252	24720	0.403	ng	#	93
40) Dibenzo(a,h)anthracene	26.870	278	21699	0.364	ng		96
41) Benzo(g,h,i)perylene	27.674	276	25113	0.391	ng		98

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

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