Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034139.D
Acq On : 22 Sep 2024 00:34
Operator : JU/RC
Sample : PB163558BS
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Quant Time: Sep 23 00:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	7927	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	23461	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	13253	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	29429	0.400	ng	0.00
29) Chrysene-d12	21.044	240	21351	0.400	ng	-0.01
35) Perylene-d12	23.168	264	19707	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	7345	0.326	ng	-0.01
5) Phenol-d6	6.622	99	8777	0.335	ng	-0.01
8) Nitrobenzene-d5	8.568	82	7059	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	12849	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1921	0.320	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	21261	0.394	ng	-0.02
27) Fluoranthene-d10	18.871	212	27179	0.366	ng	-0.02
31) Terphenyl-d14	19.494	244	15890	0.373	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	3785	0.382	ng	# 87
3) n-Nitrosodimethylamine	3.372	42	5341	0.473	ng	# 80
6) bis(2-Chloroethyl)ether	6.867	93	8931	0.386	ng	97
9) Naphthalene	10.233	128	25631	0.398	ng	99
10) Hexachlorobutadiene	10.522	225	4866	0.401	ng	# 99
12) 2-Methylnaphthalene	11.855	142	16657	0.398	ng	99
16) Acenaphthylene	13.784	152	22729	0.401	ng	100
17) Acenaphthene	14.137	154	16604	0.408	ng	100
18) Fluorene	15.131	166	21871	0.410	ng	100
20) 4,6-Dinitro-2-methylph...	15.227	198	1547	0.421	ng	# 54
21) 4-Bromophenyl-phenylether	16.039	248	6662	0.403	ng	96
22) Hexachlorobenzene	16.138	284	7421	0.400	ng	94
23) Atrazine	16.324	200	4951	0.361	ng	98
24) Pentachlorophenol	16.486	266	2402	0.392	ng	99
25) Phenanthrene	16.870	178	34513	0.408	ng	100
26) Anthracene	16.957	178	28221	0.409	ng	100
28) Fluoranthene	18.904	202	38793	0.396	ng	99
30) Pyrene	19.266	202	39278	0.436	ng	100
32) Benzo(a)anthracene	21.035	228	27933	0.414	ng	99
33) Chrysene	21.080	228	33514	0.416	ng	100
34) Bis(2-ethylhexyl)phtha...	21.008	149	2109	0.075	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.250	276	29821	0.353	ng	99
37) Benzo(b)fluoranthene	22.543	252	30969	0.401	ng	97
38) Benzo(k)fluoranthene	22.584	252	35113	0.433	ng	97
39) Benzo(a)pyrene	23.078	252	24927	0.396	ng	95
40) Dibenzo(a,h)anthracene	25.265	278	22853	0.348	ng	99
41) Benzo(g,h,i)perylene	25.881	276	24127	0.327	ng	99

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

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