Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034541.D
Acq On : 11 Oct 2024 04:26
Operator : RC/JU
Sample : PB163903BSD
Misc :
ALS Vial : 117 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 11 04:51:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	4988	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	13947	0.400	ng		0.00
13) Acenaphthene-d10	14.019	164	7408	0.400	ng		0.00
19) Phenanthrene-d10	16.783	188	13856	0.400	ng		0.00
29) Chrysene-d12	21.008	240	5816	0.400	ng		0.00
35) Perylene-d12	23.113	264	8088	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	4348	0.307	ng		0.00
5) Phenol-d6	6.585	99	3993	0.243	ng		0.01
8) Nitrobenzene-d5	8.514	82	3202	0.300	ng		0.00
11) 2-Methylnaphthalene-d10	11.731	152	10525	0.511	ng		0.00
14) 2,4,6-Tribromophenol	15.542	330	965	0.288	ng		0.00
15) 2-Fluorobiphenyl	12.640	172	9802	0.325	ng		0.00
27) Fluoranthene-d10	18.829	212	11799	0.338	ng		0.00
31) Terphenyl-d14	19.456	244	7377	0.635	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.032	88	1793	0.288	ng	#	42
3) n-Nitrosodimethylamine	3.328	42	2192	0.309	ng	#	88
6) bis(2-Chloroethyl)ether	6.824	93	4055	0.278	ng		96
9) Naphthalene	10.169	128	13287	0.347	ng		99
10) Hexachlorobutadiene	10.458	225	2954	0.410	ng	#	99
12) 2-Methylnaphthalene	11.806	142	8476	0.340	ng		99
16) Acenaphthylene	13.741	152	11177	0.352	ng		100
17) Acenaphthene	14.083	154	8083	0.355	ng		99
18) Fluorene	15.088	166	9781	0.328	ng		99
20) 4,6-Dinitro-2-methylph...	16.287	198	79	0.168	ng	#	8
21) 4-Bromophenyl-phenylether	15.989	248	2791	0.358	ng	#	84
22) Hexachlorobenzene	16.088	284	4064	0.465	ng	#	89
23) Atrazine	16.287	200	2034	0.315	ng	#	96
24) Pentachlorophenol	16.461	266	1738	0.602	ng		99
25) Phenanthrene	16.821	178	14667	0.369	ng		100
26) Anthracene	16.920	178	11324	0.349	ng		99
28) Fluoranthene	18.862	202	14677	0.318	ng		98
30) Pyrene	19.224	202	14985	0.610	ng		100
32) Benzo(a)anthracene	21.008	228	1581m	0.086	ng		
33) Chrysene	21.044	228	11535m	0.526	ng		
36) Indeno(1,2,3-cd)pyrene	25.177	276	14485	0.418	ng		94
37) Benzo(b)fluoranthene	22.493	252	10312	0.325	ng		94
38) Benzo(k)fluoranthene	22.534	252	12383	0.372	ng		95
39) Benzo(a)pyrene	23.022	252	10101	0.391	ng		92
40) Dibenzo(a,h)anthracene	25.191	278	11001	0.409	ng		95
41) Benzo(g,h,i)perylene	25.794	276	12779	0.423	ng		97

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

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