Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034532.D
Acq On : 10 Oct 2024 21:43
Operator : RC/JU
Sample : PB163828BS
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163828BS

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

Quant Time: Oct 11 00:23:22 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	5380	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	15055	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	8011	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	14993	0.400	ng	0.00
29) Chrysene-d12	21.008	240	6346	0.400	ng	0.00
35) Perylene-d12	23.119	264	8226	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	4871	0.319	ng	0.00
5) Phenol-d6	6.578	99	4664	0.263	ng	0.00
8) Nitrobenzene-d5	8.514	82	3694	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	11.727	152	11213	0.504	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	1035	0.285	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	10934	0.336	ng	0.00
27) Fluoranthene-d10	18.829	212	13134	0.347	ng	0.00
31) Terphenyl-d14	19.452	244	8525	0.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1937	0.288	ng	# 33
3) n-Nitrosodimethylamine	3.328	42	2309	0.302	ng	# 84
6) bis(2-Chloroethyl)ether	6.824	93	4552	0.290	ng	96
9) Naphthalene	10.169	128	14730	0.357	ng	99
10) Hexachlorobutadiene	10.458	225	3212	0.413	ng	# 97
12) 2-Methylnaphthalene	11.806	142	9328	0.347	ng	99
16) Acenaphthylene	13.730	152	12394	0.361	ng	99
17) Acenaphthene	14.083	154	8896	0.362	ng	99
18) Fluorene	15.088	166	10708	0.332	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	87	0.169	ng	# 13
21) 4-Bromophenyl-phenylether	15.989	248	3102	0.368	ng	# 85
22) Hexachlorobenzene	16.088	284	4437	0.470	ng	# 89
23) Atrazine	16.287	200	2465	0.353	ng	97
24) Pentachlorophenol	16.448	266	1303	0.417	ng	99
25) Phenanthrene	16.821	178	15855	0.368	ng	100
26) Anthracene	16.920	178	12810	0.365	ng	100
28) Fluoranthene	18.862	202	16050	0.322	ng	98
30) Pyrene	19.224	202	16296	0.608	ng	100
32) Benzo(a)anthracene	21.008	228	1605m	0.080	ng	
33) Chrysene	21.044	228	12783m	0.534	ng	
36) Indeno(1,2,3-cd)pyrene	25.177	276	15731	0.446	ng	95
37) Benzo(b)fluoranthene	22.496	252	10816	0.336	ng	94
38) Benzo(k)fluoranthene	22.537	252	12950	0.383	ng	94
39) Benzo(a)pyrene	23.025	252	10678	0.407	ng	94
40) Dibenzo(a,h)anthracene	25.194	278	11948	0.436	ng	96
41) Benzo(g,h,i)perylene	25.797	276	13530	0.440	ng	96

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

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