Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033540.D
Acq On : 21 Aug 2024 13:05
Operator : MA/JU
Sample : PB162860BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162860BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 14:04:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	13819	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	36617	0.400	ng		# 0.00
13) Acenaphthene-d10	14.178	164	17030	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	30833	0.400	ng		#-0.01
29) Chrysene-d12	21.139	240	23913	0.400	ng		# 0.00
35) Perylene-d12	23.312	264	26894	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	13341	0.304	ng		0.00
5) Phenol-d6	6.736	99	16637	0.318	ng		0.00
8) Nitrobenzene-d5	8.681	82	10775	0.355	ng		-0.01
11) 2-Methylnaphthalene-d10	11.907	152	18452	0.352	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2453	0.268	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	27076	0.389	ng		-0.01
27) Fluoranthene-d10	18.975	212	27034	0.365	ng		0.00
31) Terphenyl-d14	19.588	244	16868	0.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	5424	0.341	ng		100
3) n-Nitrosodimethylamine	3.479	42	5955	0.322	ng		94
6) bis(2-Chloroethyl)ether	6.989	93	14897	0.402	ng		99
9) Naphthalene	10.357	128	36828	0.376	ng		100
10) Hexachlorobutadiene	10.656	225	7412	0.380	ng	#	100
12) 2-Methylnaphthalene	11.983	142	22717	0.367	ng		98
16) Acenaphthylene	13.900	152	27524	0.368	ng		100
17) Acenaphthene	14.242	154	19012	0.362	ng		98
18) Fluorene	15.236	166	22760	0.344	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	722	0.150	ng		95
21) 4-Bromophenyl-phenylether	16.135	248	7231	0.386	ng	#	88
22) Hexachlorobenzene	16.247	284	8185	0.396	ng		97
23) Atrazine	16.420	200	5063	0.339	ng	#	92
24) Pentachlorophenol	16.594	266	2730	0.305	ng		99
25) Phenanthrene	16.979	178	32615	0.380	ng		100
26) Anthracene	17.066	178	28787	0.379	ng		100
28) Fluoranthene	19.003	202	35826	0.378	ng		100
30) Pyrene	19.370	202	37182	0.348	ng		100
32) Benzo(a)anthracene	21.130	228	34639	0.401	ng		99
33) Chrysene	21.175	228	33083	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	23541m	0.430	ng		
36) Indeno(1,2,3-cd)pyrene	25.463	276	41674	0.373	ng		100
37) Benzo(b)fluoranthene	22.668	252	36658	0.365	ng		100
38) Benzo(k)fluoranthene	22.709	252	35773	0.362	ng		99
39) Benzo(a)pyrene	23.218	252	32014	0.385	ng		97
40) Dibenzo(a,h)anthracene	25.481	278	32657	0.366	ng		98
41) Benzo(g,h,i)perylene	26.115	276	35063	0.367	ng		99

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

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