Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032600.D
Acq On : 09 Jul 2024 23:12
Operator : MA/JU
Sample : PB161970BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 01:03:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	7555	0.400	ng		0.00
7) Naphthalene-d8	10.357	136	23739	0.400	ng		-0.02
13) Acenaphthene-d10	14.221	164	15214	0.400	ng		-0.01
19) Phenanthrene-d10	16.991	188	29412	0.400	ng		#-0.01
29) Chrysene-d12	21.202	240	22175	0.400	ng		0.00
35) Perylene-d12	23.414	264	23300	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	6983	0.366	ng		0.00
5) Phenol-d6	6.801	99	9029	0.370	ng		-0.02
8) Nitrobenzene-d5	8.777	82	6161	0.348	ng		-0.02
11) 2-Methylnaphthalene-d10	11.971	152	14215	0.379	ng		-0.01
14) 2,4,6-Tribromophenol	15.762	330	2059	0.299	ng		0.00
15) 2-Fluorobiphenyl	12.852	172	21707	0.387	ng		-0.01
27) Fluoranthene-d10	19.035	212	26873	0.351	ng		0.00
31) Terphenyl-d14	19.644	244	20169	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	3525	0.354	ng		99
3) n-Nitrosodimethylamine	3.479	42	2697	0.373	ng	#	95
6) bis(2-Chloroethyl)ether	7.032	93	6730	0.401	ng		98
9) Naphthalene	10.410	128	25140	0.388	ng		98
10) Hexachlorobutadiene	10.656	225	4838	0.375	ng	#	99
12) 2-Methylnaphthalene	12.047	142	16569	0.382	ng		99
16) Acenaphthylene	13.953	152	22896	0.349	ng		100
17) Acenaphthene	14.285	154	17050	0.374	ng		99
18) Fluorene	15.290	166	21709	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	920	0.398	ng	#	69
21) 4-Bromophenyl-phenylether	16.184	248	6970	0.399	ng		93
22) Hexachlorobenzene	16.284	284	7578	0.394	ng		99
23) Atrazine	16.470	200	4429	0.325	ng		94
24) Pentachlorophenol	16.681	266	1918	0.386	ng		99
25) Phenanthrene	17.041	178	30853	0.386	ng		100
26) Anthracene	17.140	178	22723	0.354	ng		99
28) Fluoranthene	19.068	202	33743	0.350	ng		100
30) Pyrene	19.435	202	34857	0.386	ng		100
32) Benzo(a)anthracene	21.193	228	26406	0.360	ng		100
33) Chrysene	21.238	228	34128	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	15052	0.302	ng		99
36) Indeno(1,2,3-cd)pyrene	25.653	276	36628	0.411	ng		100
37) Benzo(b)fluoranthene	22.750	252	29530	0.380	ng		95
38) Benzo(k)fluoranthene	22.797	252	35663m	0.399	ng		
39) Benzo(a)pyrene	23.326	252	27597	0.375	ng		92
40) Dibenzo(a,h)anthracene	25.665	278	28971	0.410	ng		94
41) Benzo(g,h,i)perylene	26.335	276	32825	0.427	ng		95

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

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