Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032596.D
Acq On : 09 Jul 2024 20:47
Operator : MA/JU
Sample : PB161831BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161831BS

Manual Integrations APPROVED

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

Quant Time: Jul 10 01:02:11 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	7.588	152	4714	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	15471	0.400	ng		-0.01
13) Acenaphthene-d10	14.231	164	10696	0.400	ng		0.00
19) Phenanthrene-d10	16.991	188	22196	0.400	ng		#-0.01
29) Chrysene-d12	21.211	240	15210	0.400	ng		0.00
35) Perylene-d12	23.423	264	14847	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4315	0.362	ng		0.00
5) Phenol-d6	6.816	99	5362	0.352	ng		0.00
8) Nitrobenzene-d5	8.798	82	3806	0.330	ng		0.00
11) 2-Methylnaphthalene-d10	11.975	152	9519	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1501	0.310	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	14733	0.374	ng		0.00
27) Fluoranthene-d10	19.040	212	19877	0.344	ng		0.00
31) Terphenyl-d14	19.644	244	14904	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2361	0.380	ng		99
3) n-Nitrosodimethylamine	3.486	42	1706	0.379	ng		100
6) bis(2-Chloroethyl)ether	7.047	93	3701	0.364	ng		96
9) Naphthalene	10.421	128	16305	0.386	ng		99
10) Hexachlorobutadiene	10.667	225	3235	0.384	ng	#	100
12) 2-Methylnaphthalene	12.055	142	11034	0.390	ng		99
16) Acenaphthylene	13.954	152	15841	0.344	ng		100
17) Acenaphthene	14.296	154	12031	0.376	ng		99
18) Fluorene	15.290	166	15556	0.371	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	587	0.367	ng		95
21) 4-Bromophenyl-phenylether	16.197	248	5168	0.392	ng	#	93
22) Hexachlorobenzene	16.284	284	5638	0.389	ng		99
23) Atrazine	16.470	200	3391	0.329	ng	#	93
24) Pentachlorophenol	16.681	266	1426	0.383	ng		98
25) Phenanthrene	17.041	178	22598	0.375	ng		100
26) Anthracene	17.140	178	16345	0.337	ng		99
28) Fluoranthene	19.073	202	24859	0.341	ng		100
30) Pyrene	19.435	202	25931	0.419	ng		100
32) Benzo(a)anthracene	21.193	228	16547	0.329	ng		99
33) Chrysene	21.247	228	24362	0.408	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	10911	0.319	ng		100
36) Indeno(1,2,3-cd)pyrene	25.659	276	22264	0.393	ng		99
37) Benzo(b)fluoranthene	22.756	252	17955	0.363	ng		99
38) Benzo(k)fluoranthene	22.800	252	23452m	0.411	ng		
39) Benzo(a)pyrene	23.332	252	17469	0.373	ng		98
40) Dibenzo(a,h)anthracene	25.668	278	17526	0.389	ng		99
41) Benzo(g,h,i)perylene	26.341	276	20129	0.411	ng		97

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

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