Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034513.D
Acq On : 09 Oct 2024 20:26
Operator : RC/JU
Sample : P4226-24MS
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW4-20240927MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	3648	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	9875	0.400	ng		-0.02
13) Acenaphthene-d10	14.026	164	5242	0.400	ng		-0.02
19) Phenanthrene-d10	16.778	188	9427	0.400	ng		#-0.02
29) Chrysene-d12	21.006	240	6183	0.400	ng		0.00
35) Perylene-d12	23.119	264	7175	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	1314	0.127	ng		-0.01
5) Phenol-d6	6.586	99	764	0.063	ng		-0.01
8) Nitrobenzene-d5	8.515	82	2359	0.312	ng		-0.02
11) 2-Methylnaphthalene-d10	11.731	152	5622	0.386	ng		-0.02
14) 2,4,6-Tribromophenol	15.537	330	668	0.281	ng		-0.01
15) 2-Fluorobiphenyl	12.636	172	6583	0.309	ng		-0.02
27) Fluoranthene-d10	18.827	212	9483	0.399	ng		-0.02
31) Terphenyl-d14	19.450	244	6612	0.535	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	18364	4.027	ng		99
3) n-Nitrosodimethylamine	3.328	42	623	0.120	ng	#	83
6) bis(2-Chloroethyl)ether	6.824	93	3403	0.319	ng		92
9) Naphthalene	10.180	128	9156	0.338	ng		98
10) Hexachlorobutadiene	10.468	225	2008	0.393	ng	#	97
12) 2-Methylnaphthalene	11.807	142	5815	0.330	ng		100
16) Acenaphthylene	13.737	152	7368	0.328	ng		99
17) Acenaphthene	14.090	154	5444	0.338	ng		98
18) Fluorene	15.084	166	6460	0.306	ng		100
20) 4,6-Dinitro-2-methylph...	16.282	198	57	0.170	ng	#	1
21) 4-Bromophenyl-phenylether	15.996	248	1913	0.361	ng		98
22) Hexachlorobenzene	16.095	284	2669	0.449	ng	#	90
23) Atrazine	16.282	200	1586	0.361	ng	#	94
24) Pentachlorophenol	16.455	266	1490	0.758	ng		98
25) Phenanthrene	16.828	178	10042	0.371	ng		100
26) Anthracene	16.915	178	7933	0.359	ng		99
28) Fluoranthene	18.860	202	11403	0.364	ng		98
30) Pyrene	19.227	202	12458	0.477	ng		100
32) Benzo(a)anthracene	21.006	228	2126m	0.109	ng		
33) Chrysene	21.042	228	10247m	0.439	ng		
36) Indeno(1,2,3-cd)pyrene	25.181	276	11277	0.367	ng		94
37) Benzo(b)fluoranthene	22.497	252	9708	0.345	ng		92
38) Benzo(k)fluoranthene	22.538	252	11008	0.373	ng		94
39) Benzo(a)pyrene	23.029	252	8436	0.368	ng	#	90
40) Dibenzo(a,h)anthracene	25.195	278	8449	0.354	ng	#	93
41) Benzo(g,h,i)perylene	25.803	276	9628	0.359	ng		96

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

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