Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034514.D
Acq On : 09 Oct 2024 21:02
Operator : RC/JU
Sample : P4226-25MSD
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW4-20240927MSD

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

Quant Time: Oct 10 01:47:36 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	3625	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	9728	0.400	ng		-0.02
13) Acenaphthene-d10	14.019	164	5149	0.400	ng		-0.03
19) Phenanthrene-d10	16.783	188	8907	0.400	ng		#-0.02
29) Chrysene-d12	21.008	240	5804	0.400	ng		0.00
35) Perylene-d12	23.119	264	7437	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	1307	0.127	ng		-0.01
5) Phenol-d6	6.585	99	674	0.056	ng		-0.01
8) Nitrobenzene-d5	8.514	82	2500	0.336	ng		-0.02
11) 2-Methylnaphthalene-d10	11.731	152	6174	0.430	ng		-0.02
14) 2,4,6-Tribromophenol	15.542	330	633	0.271	ng		0.00
15) 2-Fluorobiphenyl	12.640	172	6825	0.326	ng		-0.02
27) Fluoranthene-d10	18.829	212	9314	0.414	ng		-0.02
31) Terphenyl-d14	19.452	244	6490	0.560	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	18857	4.161	ng		99
3) n-Nitrosodimethylamine	3.328	42	628	0.122	ng		87
6) bis(2-Chloroethyl)ether	6.824	93	3323	0.314	ng		94
9) Naphthalene	10.180	128	9645	0.361	ng		99
10) Hexachlorobutadiene	10.468	225	2097	0.417	ng	#	98
12) 2-Methylnaphthalene	11.806	142	6044	0.348	ng		99
16) Acenaphthylene	13.741	152	7795	0.354	ng		100
17) Acenaphthene	14.083	154	5611	0.355	ng		98
18) Fluorene	15.088	166	6508	0.314	ng		99
20) 4,6-Dinitro-2-methylph...	16.287	198	58	0.173	ng	#	1
21) 4-Bromophenyl-phenylether	15.989	248	2117	0.423	ng	#	86
22) Hexachlorobenzene	16.088	284	2692	0.480	ng	#	89
23) Atrazine	16.287	200	1565	0.377	ng		96
24) Pentachlorophenol	16.461	266	666	0.359	ng		98
25) Phenanthrene	16.821	178	9799	0.383	ng		99
26) Anthracene	16.920	178	8123	0.389	ng		100
28) Fluoranthene	18.862	202	11231	0.379	ng		97
30) Pyrene	19.224	202	12099	0.494	ng		100
32) Benzo(a)anthracene	21.008	228	2140m	0.117	ng		
33) Chrysene	21.044	228	10427m	0.476	ng		
36) Indeno(1,2,3-cd)pyrene	25.183	276	12309	0.386	ng	#	92
37) Benzo(b)fluoranthene	22.496	252	10160	0.349	ng		93
38) Benzo(k)fluoranthene	22.540	252	11364	0.372	ng		95
39) Benzo(a)pyrene	23.028	252	9477	0.399	ng	#	90
40) Dibenzo(a,h)anthracene	25.200	278	9256	0.374	ng		95
41) Benzo(g,h,i)perylene	25.802	276	10450	0.376	ng		97

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

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