Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034520.D
Acq On : 10 Oct 2024 14:30
Operator : RC/JU
Sample : P4263-02MS
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 10 15:09:26 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	4264	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	12050	0.400	ng		-0.02
13) Acenaphthene-d10	14.019	164	6663	0.400	ng		-0.03
19) Phenanthrene-d10	16.783	188	12138	0.400	ng		-0.02
29) Chrysene-d12	21.008	240	6302	0.400	ng		# 0.00
35) Perylene-d12	23.116	264	10112	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	2563	0.212	ng		-0.01
5) Phenol-d6	6.585	99	1529	0.109	ng		-0.01
8) Nitrobenzene-d5	8.514	82	3136	0.340	ng		-0.02
11) 2-Methylnaphthalene-d10	11.727	152	7196	0.404	ng		-0.03
14) 2,4,6-Tribromophenol	15.530	330	995	0.330	ng		-0.02
15) 2-Fluorobiphenyl	12.640	172	8823	0.326	ng		-0.02
27) Fluoranthene-d10	18.825	212	13043	0.426	ng		-0.02
31) Terphenyl-d14	19.447	244	9204	0.731	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	24577	4.610	ng		99
3) n-Nitrosodimethylamine	3.328	42	787	0.130	ng	#	73
6) bis(2-Chloroethyl)ether	6.824	93	4902	0.394	ng		93
9) Naphthalene	10.169	128	14346	0.434	ng		99
10) Hexachlorobutadiene	10.468	225	2426	0.389	ng	#	99
12) 2-Methylnaphthalene	11.803	142	9190	0.427	ng		99
16) Acenaphthylene	13.730	152	12505	0.438	ng		100
17) Acenaphthene	14.083	154	8859	0.433	ng		99
18) Fluorene	15.088	166	10992	0.409	ng		99
20) 4,6-Dinitro-2-methylph...	16.275	198	75	0.171	ng	#	1
21) 4-Bromophenyl-phenylether	15.989	248	3127	0.458	ng	#	91
22) Hexachlorobenzene	16.088	284	3793	0.496	ng	#	89
23) Atrazine	16.275	200	2388	0.422	ng	#	93
24) Pentachlorophenol	16.448	266	1345	0.532	ng		99
25) Phenanthrene	16.821	178	17344	0.498	ng		99
26) Anthracene	16.920	178	14120	0.496	ng		99
28) Fluoranthene	18.857	202	19250	0.477	ng		98
30) Pyrene	19.224	202	20560	0.773	ng		100
32) Benzo(a)anthracene	21.008	228	1471m	0.074	ng		
33) Chrysene	21.044	228	18529m	0.779	ng		
36) Indeno(1,2,3-cd)pyrene	25.174	276	22427	0.518	ng		95
37) Benzo(b)fluoranthene	22.493	252	16925	0.427	ng		97
38) Benzo(k)fluoranthene	22.534	252	19224	0.462	ng	#	95
39) Benzo(a)pyrene	23.025	252	16194	0.502	ng		97
40) Dibenzo(a,h)anthracene	25.191	278	17328	0.515	ng		98
41) Benzo(g,h,i)perylene	25.797	276	18164	0.480	ng		97

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

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