Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034727.D
Acq On : 25 Oct 2024 17:40
Operator : RC/JU
Sample : PB164409BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164409BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 18:09:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.654	152	8770	0.400	ng		-0.06
7) Naphthalene-d8	10.426	136	24617	0.400	ng		#-0.05
13) Acenaphthene-d10	14.283	164	11438	0.400	ng		-0.05
19) Phenanthrene-d10	17.026	188	20789	0.400	ng		-0.04
29) Chrysene-d12	21.212	240	11212	0.400	ng		#-0.04
35) Perylene-d12	23.415	264	10991	0.400	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	9491	0.364	ng		-0.06
5) Phenol-d6	6.824	99	12381	0.360	ng		-0.06
8) Nitrobenzene-d5	8.781	82	8000	0.387	ng		-0.06
11) 2-Methylnaphthalene-d10	12.014	152	15955m	0.471	ng		-0.06
14) 2,4,6-Tribromophenol	15.773	330	1427	0.403	ng		-0.04
15) 2-Fluorobiphenyl	12.904	172	17305	0.381	ng		-0.05
27) Fluoranthene-d10	19.055	212	16513	0.353	ng		-0.04
31) Terphenyl-d14	19.668	244	10894	0.475	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	3291	0.282	ng	#	41
3) n-Nitrosodimethylamine	3.531	42	5980	0.352	ng	#	94
6) bis(2-Chloroethyl)ether	7.084	93	10317	0.369	ng		99
9) Naphthalene	10.468	128	24917	0.366	ng		100
10) Hexachlorobutadiene	10.767	225	3622	0.355	ng	#	99
12) 2-Methylnaphthalene	12.090	142	15296	0.362	ng		99
16) Acenaphthylene	13.994	152	20483	0.373	ng		100
17) Acenaphthene	14.336	154	13491	0.356	ng		98
18) Fluorene	15.330	166	15881	0.340	ng		99
20) 4,6-Dinitro-2-methylph...	15.405	198	938	0.324	ng	#	83
21) 4-Bromophenyl-phenylether	16.232	248	4254	0.384	ng		97
22) Hexachlorobenzene	16.331	284	4442	0.370	ng		99
23) Atrazine	16.505	200	3620	0.416	ng		99
24) Pentachlorophenol	16.679	266	3356	0.789	ng		99
25) Phenanthrene	17.064	178	23444	0.375	ng		100
26) Anthracene	17.151	178	21418	0.386	ng		100
28) Fluoranthene	19.087	202	22165	0.340	ng		99
30) Pyrene	19.445	202	22644	0.393	ng		100
32) Benzo(a)anthracene	21.194	228	16780	0.392	ng		99
33) Chrysene	21.248	228	17018	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.158	149	12888	0.530	ng		99
36) Indeno(1,2,3-cd)pyrene	25.619	276	17784	0.420	ng		99
37) Benzo(b)fluoranthene	22.757	252	16080	0.366	ng		98
38) Benzo(k)fluoranthene	22.801	252	16158	0.373	ng		99
39) Benzo(a)pyrene	23.318	252	14630	0.415	ng		99
40) Dibenzo(a,h)anthracene	25.634	278	13681	0.410	ng		98
41) Benzo(g,h,i)perylene	26.286	276	14059	0.382	ng		99

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

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