Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035360.D
Acq On : 27 Nov 2024 22:08
Operator : RC/JU
Sample : PB165224BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165224BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:30:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	1695	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	3992	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	2589	0.400	ng	0.00
19) Phenanthrene-d10	16.736	188	6778	0.400	ng	0.00
29) Chrysene-d12	20.974	240	6562	0.400	ng	0.00
35) Perylene-d12	23.067	264	6827	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	1677	0.395	ng	0.00
5) Phenol-d6	6.513	99	1904	0.373	ng	0.00
8) Nitrobenzene-d5	8.440	82	1105m	0.453	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	4057	0.649	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	491	0.267	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	4695	0.480	ng	0.00
27) Fluoranthene-d10	18.785	212	8904	0.463	ng	0.00
31) Terphenyl-d14	19.412	244	6579	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	689	0.425	ng	# 79
3) n-Nitrosodimethylamine	3.292	42	582	0.431	ng	# 94
6) bis(2-Chloroethyl)ether	6.759	93	1804	0.421	ng	99
9) Naphthalene	10.105	128	4536	0.431	ng	99
10) Hexachlorobutadiene	10.404	225	1097	0.452	ng	# 99
12) 2-Methylnaphthalene	11.732	142	3071	0.407	ng	98
16) Acenaphthylene	13.679	152	4945	0.455	ng	99
17) Acenaphthene	14.031	154	3082	0.427	ng	99
18) Fluorene	15.026	166	4414	0.427	ng	98
20) 4,6-Dinitro-2-methylph...	15.133	198	276	0.414	ng	94
21) 4-Bromophenyl-phenylether	15.941	248	1654	0.417	ng	95
22) Hexachlorobenzene	16.041	284	1961	0.421	ng	99
23) Atrazine	16.227	200	1123	0.398	ng	97
24) Pentachlorophenol	16.401	266	1263	0.624	ng	91
25) Phenanthrene	16.773	178	7944	0.427	ng	99
26) Anthracene	16.860	178	7370	0.438	ng	99
28) Fluoranthene	18.813	202	10116	0.403	ng	100
30) Pyrene	19.180	202	10473	0.432	ng	100
32) Benzo(a)anthracene	20.956	228	9554	0.416	ng	99
33) Chrysene	21.010	228	10572	0.447	ng	100
34) Bis(2-ethylhexyl)phtha...	20.929	149	3457	0.381	ng	99
36) Indeno(1,2,3-cd)pyrene	25.108	276	11976	0.449	ng	99
37) Benzo(b)fluoranthene	22.454	252	10389	0.416	ng	99
38) Benzo(k)fluoranthene	22.494	252	11241	0.457	ng	99
39) Benzo(a)pyrene	22.977	252	9548	0.464	ng	99
40) Dibenzo(a,h)anthracene	25.126	278	9398	0.446	ng	99
41) Benzo(g,h,i)perylene	25.722	276	9362	0.425	ng	100

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

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