Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033731.D
Acq On : 31 Aug 2024 06:49
Operator : MA/JU
Sample : PB163086BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 31 07:29:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB163086BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	8023	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	21629	0.400	ng	-0.01
13) Acenaphthene-d10	14.156	164	10732	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	22250	0.400	ng	#-0.01
29) Chrysene-d12	21.121	240	16330	0.400	ng	# 0.00
35) Perylene-d12	23.276	264	15462	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	8957	0.371	ng	0.00
5) Phenol-d6	6.714	99	11166	0.392	ng	0.00
8) Nitrobenzene-d5	8.659	82	6791	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	11.877	152	11961	0.392	ng	-0.01
14) 2,4,6-Tribromophenol	15.663	330	2013	0.391	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	17066	0.377	ng	0.00
27) Fluoranthene-d10	18.952	212	21218	0.387	ng	0.00
31) Terphenyl-d14	19.565	244	14565	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	3384	0.363	ng	98
3) n-Nitrosodimethylamine	3.464	42	4163	0.380	ng	99
6) bis(2-Chloroethyl)ether	6.960	93	8822	0.405	ng	99
9) Naphthalene	10.325	128	22065	0.381	ng	99
10) Hexachlorobutadiene	10.624	225	4510	0.376	ng	# 99
12) 2-Methylnaphthalene	11.952	142	13886	0.389	ng	100
16) Acenaphthylene	13.868	152	17334	0.373	ng	100
17) Acenaphthene	14.221	154	12333	0.382	ng	99
18) Fluorene	15.215	166	15688	0.392	ng	100
20) 4,6-Dinitro-2-methylph...	15.300	198	1059	0.314	ng	# 62
21) 4-Bromophenyl-phenylether	16.110	248	4984	0.387	ng	# 77
22) Hexachlorobenzene	16.222	284	5729	0.390	ng	99
23) Atrazine	16.395	200	3952	0.385	ng	# 93
24) Pentachlorophenol	16.569	266	1853	0.279	ng	99
25) Phenanthrene	16.954	178	24193	0.391	ng	100
26) Anthracene	17.041	178	20459	0.382	ng	100
28) Fluoranthene	18.984	202	26930	0.386	ng	99
30) Pyrene	19.346	202	27217	0.412	ng	100
32) Benzo(a)anthracene	21.103	228	22365	0.388	ng	99
33) Chrysene	21.157	228	23148	0.392	ng	99
34) Bis(2-ethylhexyl)phtha...	21.068	149	13537m	0.415	ng	
36) Indeno(1,2,3-cd)pyrene	25.408	276	25227	0.380	ng	99
37) Benzo(b)fluoranthene	22.636	252	22292	0.392	ng	94
38) Benzo(k)fluoranthene	22.680	252	23143	0.415	ng	97
39) Benzo(a)pyrene	23.183	252	18177	0.383	ng	93
40) Dibenzo(a,h)anthracene	25.428	278	19939	0.377	ng	98
41) Benzo(g,h,i)perylene	26.060	276	21011	0.367	ng	97

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

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