Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033048.D
Acq On : 28 Jul 2024 00:28
Operator : MA/JU
Sample : PB162161BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162161BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:09:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	2100	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	7941	0.400	ng	# 0.02
13) Acenaphthene-d10	14.165	164	5657	0.400	ng	-0.01
19) Phenanthrene-d10	16.939	188	12217	0.400	ng	#-0.01
29) Chrysene-d12	21.158	240	11522	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	12864	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	2366m	0.445	ng	0.05
5) Phenol-d6	6.882	99	3527m	0.535	ng	0.10
8) Nitrobenzene-d5	8.824	82	2318m	0.388	ng	0.09
11) 2-Methylnaphthalene-d10	11.928	152	4864	0.400	ng	0.01
14) 2,4,6-Tribromophenol	15.723	330	833	0.345	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	7165	0.340	ng	0.00
27) Fluoranthene-d10	18.985	212	12293	0.389	ng	0.00
31) Terphenyl-d14	19.589	244	8703	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1160	0.446	ng	# 92
3) n-Nitrosodimethylamine	3.466	42	677	0.308	ng	# 99
6) bis(2-Chloroethyl)ether	7.026	93	2472m	0.448	ng	
9) Naphthalene	10.372	128	8464	0.385	ng	97
10) Hexachlorobutadiene	10.565	225	1713	0.408	ng	# 100
12) 2-Methylnaphthalene	12.003	142	5156	0.359	ng	97
16) Acenaphthylene	13.898	152	8310	0.361	ng	100
17) Acenaphthene	14.229	154	6059	0.372	ng	99
18) Fluorene	15.245	166	8002	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.537	198	248m	0.386	ng	
21) 4-Bromophenyl-phenylether	16.133	248	2368	0.330	ng	93
22) Hexachlorobenzene	16.232	284	2953	0.367	ng	99
23) Atrazine	16.431	200	1900	0.359	ng	98
24) Pentachlorophenol	16.642	266	868	0.291	ng	98
25) Phenanthrene	16.989	178	11633	0.348	ng	99
26) Anthracene	17.101	178	7659	0.279	ng	99
28) Fluoranthene	19.018	202	14575	0.361	ng	99
30) Pyrene	19.385	202	15380	0.327	ng	100
32) Benzo(a)anthracene	21.140	228	11034	0.303	ng	98
33) Chrysene	21.194	228	17208	0.397	ng	99
34) Bis(2-ethylhexyl)phtha...	21.024	149	11210m	0.556	ng	
36) Indeno(1,2,3-cd)pyrene	25.567	276	16213	0.320	ng	99
37) Benzo(b)fluoranthene	22.690	252	13555	0.303	ng	97
38) Benzo(k)fluoranthene	22.731	252	17477m	0.341	ng	
39) Benzo(a)pyrene	23.266	252	13148	0.325	ng	97
40) Dibenzo(a,h)anthracene	25.567	278	12995	0.324	ng	97
41) Benzo(g,h,i)perylene	26.236	276	14406	0.325	ng	97

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

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