Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030344.D
Acq On : 08 Mar 2024 04:05
Operator : MA/JU
Sample : PB159394BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159394BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 08 04:32:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3435	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	9093	0.400	ng	#-0.01
13) Acenaphthene-d10	14.447	164	4372	0.400	ng	-0.01
19) Phenanthrene-d10	17.206	188	7954	0.400	ng	-0.01
29) Chrysene-d12	21.429	240	5907	0.400	ng	0.00
35) Perylene-d12	23.786	264	7251	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3095	0.343	ng	0.00
5) Phenol-d6	6.973	99	3352	0.353	ng	0.00
8) Nitrobenzene-d5	8.971	82	2455	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.193	152	5513	0.418	ng	-0.01
14) 2,4,6-Tribromophenol	15.952	330	638	0.284	ng	-0.01
15) 2-Fluorobiphenyl	13.079	172	6095	0.336	ng	-0.01
27) Fluoranthene-d10	19.257	212	5868	0.269	ng	0.00
31) Terphenyl-d14	19.870	244	4666	0.305	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	1352	0.303	ng	# 52
3) n-Nitrosodimethylamine	3.644	42	1167	0.248	ng	# 87
6) bis(2-Chloroethyl)ether	7.241	93	2395	0.319	ng	98
9) Naphthalene	10.648	128	7522	0.296	ng	97
10) Hexachlorobutadiene	10.915	225	1682	0.290	ng	# 100
12) 2-Methylnaphthalene	12.269	142	4541	0.290	ng	97
16) Acenaphthylene	14.169	152	6524	0.309	ng	100
17) Acenaphthene	14.511	154	4023	0.295	ng	99
18) Fluorene	15.505	166	4530	0.276	ng	99
20) 4,6-Dinitro-2-methylph...	15.605	198	393	0.238	ng	95
21) 4-Bromophenyl-phenylether	16.411	248	1450	0.298	ng	# 72
22) Hexachlorobenzene	16.511	284	1734	0.309	ng	96
23) Atrazine	16.697	200	1186m	0.275	ng	
24) Pentachlorophenol	16.858	266	634	0.216	ng	96
25) Phenanthrene	17.255	178	7141	0.314	ng	97
26) Anthracene	17.342	178	6128	0.293	ng	99
28) Fluoranthene	19.290	202	7231	0.261	ng	99
30) Pyrene	19.652	202	7651	0.309	ng	99
32) Benzo(a)anthracene	21.420	228	6272	0.303	ng	97
33) Chrysene	21.465	228	6664	0.297	ng	98
34) Bis(2-ethylhexyl)phtha...	21.367	149	4591	0.278	ng	97
36) Indeno(1,2,3-cd)pyrene	26.206	276	9701	0.319	ng	95
37) Benzo(b)fluoranthene	23.075	252	7224	0.285	ng	99
38) Benzo(k)fluoranthene	23.122	252	7438	0.289	ng	# 96
39) Benzo(a)pyrene	23.683	252	6664	0.298	ng	97
40) Dibenzo(a,h)anthracene	26.236	278	7843	0.328	ng	97
41) Benzo(g,h,i)perylene	26.940	276	8805	0.320	ng	98

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

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