Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030284.D
Acq On : 06 Mar 2024 03:54
Operator : MA/JU
Sample : PB159312BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 04:29:28 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	7.811	152	2134	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5384	0.400	ng	# 0.00
13) Acenaphthene-d10	14.457	164	2625	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4758	0.400	ng	0.00
29) Chrysene-d12	21.438	240	2984	0.400	ng	0.00
35) Perylene-d12	23.797	264	3577	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1567	0.280	ng	0.00
5) Phenol-d6	6.980	99	1639	0.278	ng	0.00
8) Nitrobenzene-d5	8.971	82	1623	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.200	152	3441	0.440	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	358	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.078	172	3687	0.338	ng	-0.01
27) Fluoranthene-d10	19.261	212	3525	0.270	ng	0.00
31) Terphenyl-d14	19.879	244	2796	0.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	624	0.225	ng	# 54
3) n-Nitrosodimethylamine	3.651	42	814	0.279	ng	# 100
6) bis(2-Chloroethyl)ether	7.248	93	1378	0.295	ng	100
9) Naphthalene	10.647	128	4558	0.303	ng	99
10) Hexachlorobutadiene	10.925	225	1024	0.298	ng	# 99
12) 2-Methylnaphthalene	12.276	142	2839	0.306	ng	98
16) Acenaphthylene	14.179	152	4106	0.324	ng	99
17) Acenaphthene	14.522	154	2478	0.303	ng	98
18) Fluorene	15.518	166	2922	0.297	ng	100
20) 4,6-Dinitro-2-methylph...	15.617	198	248	0.251	ng	# 91
21) 4-Bromophenyl-phenylether	16.424	248	923	0.317	ng	# 68
22) Hexachlorobenzene	16.511	284	1088	0.324	ng	99
23) Atrazine	16.697	200	783	0.304	ng	99
24) Pentachlorophenol	16.870	266	917	0.523	ng	98
25) Phenanthrene	17.255	178	4236	0.311	ng	100
26) Anthracene	17.355	178	3843	0.307	ng	99
28) Fluoranthene	19.294	202	4231	0.255	ng	100
30) Pyrene	19.656	202	4277	0.341	ng	99
32) Benzo(a)anthracene	21.420	228	3137	0.300	ng	98
33) Chrysene	21.474	228	3740	0.330	ng	98
34) Bis(2-ethylhexyl)phtha...	21.366	149	2522	0.303	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.218	276	4993	0.333	ng	# 86
37) Benzo(b)fluoranthene	23.081	252	3630	0.290	ng	96
38) Benzo(k)fluoranthene	23.130	252	3913m	0.308	ng	
39) Benzo(a)pyrene	23.689	252	3592	0.325	ng	99
40) Dibenzo(a,h)anthracene	26.253	278	3998	0.339	ng	95
41) Benzo(g,h,i)perylene	26.955	276	4323	0.318	ng	98

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

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