Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137787.D
Acq On : 01 May 2024 12:12
Operator : CG\JU
Sample : PB160621BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 12:43:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB160621BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.057	152	237438	20.000	ng		0.00
21) Naphthalene-d8	8.346	136	969051	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	550848	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	958705	20.000	ng		0.00
76) Chrysene-d12	14.257	240	629865	20.000	ng	#	0.00
86) Perylene-d12	15.827	264	533306	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	1755816	123.811	ng		0.02
7) Phenol-d6	6.675	99	2177058	121.030	ng		0.00
23) Nitrobenzene-d5	7.622	82	1360193	81.549	ng		0.00
42) 2,4,6-Tribromophenol	10.904	330	708856	126.035	ng		0.00
45) 2-Fluorobiphenyl	9.422	172	2766954	81.493	ng		0.00
79) Terphenyl-d14	13.192	244	3128000	83.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	224483	35.152	ng		99
3) Pyridine	3.822	79	580842	37.581	ng		98
4) n-Nitrosodimethylamine	3.787	42	290180	41.694	ng		97
6) Aniline	6.722	93	629805	35.326	ng		99
8) 2-Chlorophenol	6.846	128	695837	45.024	ng		98
9) Benzaldehyde	6.610	77	379430	39.170	ng		97
10) Phenol	6.693	94	803571	43.598	ng		97
11) bis(2-Chloroethyl)ether	6.793	93	623835	43.226	ng		99
12) 1,3-Dichlorobenzene	6.999	146	722156	41.437	ng		99
13) 1,4-Dichlorobenzene	7.075	146	727558	41.605	ng		99
14) 1,2-Dichlorobenzene	7.228	146	697658	42.358	ng		98
15) Benzyl Alcohol	7.193	79	574546	46.188	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	881392	43.449	ng		99
17) 2-Methylphenol	7.299	107	554295	44.449	ng		99
18) Hexachloroethane	7.575	117	254405	43.034	ng		98
19) n-Nitroso-di-n-propyla...	7.463	70	462648	43.038	ng		99
20) 3+4-Methylphenols	7.452	107	707565	43.126	ng	#	86
22) Acetophenone	7.463	105	924006	42.397	ng		100
24) Nitrobenzene	7.640	77	696377	40.509	ng		99
25) Isophorone	7.875	82	1277874	42.492	ng		100
26) 2-Nitrophenol	7.957	139	373162	47.935	ng		96
27) 2,4-Dimethylphenol	7.981	122	522001	46.577	ng		96
28) bis(2-Chloroethoxy)met...	8.081	93	770035	42.290	ng		100
29) 2,4-Dichlorophenol	8.193	162	599268	44.238	ng		99
30) 1,2,4-Trichlorobenzene	8.281	180	618916	41.911	ng		100
31) Naphthalene	8.369	128	1980526	41.126	ng		99
32) Benzoic acid	8.099	122	448240	46.361	ng		94
33) 4-Chloroaniline	8.404	127	325929	18.251	ng		99
34) Hexachlorobutadiene	8.475	225	367246	40.506	ng		98
35) Caprolactam	8.781	113	193934m	45.185	ng		
36) 4-Chloro-3-methylphenol	8.881	107	615358	43.561	ng		95
37) 2-Methylnaphthalene	9.057	142	1313421	42.134	ng		100
38) 1-Methylnaphthalene	9.157	142	1216949	39.681	ng		99
40) 1,2,4,5-Tetrachloroben...	9.222	216	618222	42.374	ng		99
41) Hexachlorocyclopentadiene	9.210	237	741779	125.175	ng		99
43) 2,4,6-Trichlorophenol	9.334	196	440005	44.305	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	473592	43.188	ng		95
46)	1,1'-Biphenyl	9.522	154	1604112	42.433	ng		99
47)	2-Chloronaphthalene	9.551	162	1259102	41.254	ng		99
48)	2-Nitroaniline	9.646	65	372502	45.002	ng		94
49)	Acenaphthylene	9.969	152	1991084	45.098	ng		99
50)	Dimethylphthalate	9.822	163	1511341	43.461	ng		100
51)	2,6-Dinitrotoluene	9.887	165	341158	42.929	ng		89
52)	Acenaphthene	10.146	154	1331993	45.515	ng		99
53)	3-Nitroaniline	10.057	138	226864	27.260	ng		99
54)	2,4-Dinitrophenol	10.163	184	381169	97.614	ng		94
55)	Dibenzofuran	10.316	168	1793176	42.106	ng		99
56)	4-Nitrophenol	10.210	139	575417	83.424	ng		96
57)	2,4-Dinitrotoluene	10.293	165	464108	44.702	ng		96
58)	Fluorene	10.663	166	1419484	41.881	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.428	232	395837	44.462	ng		99
60)	Diethylphthalate	10.522	149	1409519	42.678	ng		99
61)	4-Chlorophenyl-phenyle...	10.645	204	703037	42.098	ng		99
62)	4-Nitroaniline	10.681	138	353698	41.901	ng		98
63)	Azobenzene	10.810	77	1365967	42.793	ng		96
65)	4,6-Dinitro-2-methylph...	10.698	198	264732	48.110	ng		97
66)	n-Nitrosodiphenylamine	10.769	169	1256482	43.783	ng		99
67)	4-Bromophenyl-phenylether	11.140	248	443190	43.195	ng		96
68)	Hexachlorobenzene	11.210	284	472939	42.180	ng	#	92
69)	Atrazine	11.292	200	427773	48.887	ng		100
70)	Pentachlorophenol	11.398	266	609987	79.241	ng		99
71)	Phenanthrene	11.628	178	2009324	43.000	ng		99
72)	Anthracene	11.681	178	2058642	44.277	ng		100
73)	Carbazole	11.834	167	1866224	41.648	ng		100
74)	Di-n-butylphthalate	12.151	149	2132508	43.628	ng		100
75)	Fluoranthene	12.822	202	2087908	40.875	ng		99
77)	Benzidine	12.939	184	806596	55.370	ng		98
78)	Pyrene	13.057	202	2113651	42.323	ng		100
80)	Butylbenzylphthalate	13.657	149	805262	50.820	ng		98
81)	Benzo(a)anthracene	14.245	228	1796803	44.602	ng		100
82)	3,3'-Dichlorobenzidine	14.198	252	353488	29.310	ng		99
83)	Chrysene	14.281	228	1651527	43.783	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.210	149	1074596	53.812	ng		99
85)	Di-n-octyl phthalate	14.845	149	1617413	60.182	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.474	276	1341359	44.240	ng		99
88)	Benzo(b)fluoranthene	15.357	252	1439260	43.376	ng		100
89)	Benzo(k)fluoranthene	15.386	252	1389492	43.326	ng		99
90)	Benzo(a)pyrene	15.763	252	1249198	46.147	ng		100
91)	Dibenzo(a,h)anthracene	17.492	278	1084948	43.961	ng		99
92)	Benzo(g,h,i)perylene	17.974	276	1037576	40.104	ng		98

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

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