Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141826.D
Acq On : 04 Mar 2025 14:44
Operator : RC/JU
Sample : PB166957BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 04 15:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166957BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

03/05/2025
Supervised By :Jagrut Upadhyay

03/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	309118	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1216990	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	647778	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	1070678	20.000	ng		0.00
76) Chrysene-d12	14.045	240	723159	20.000	ng		0.00
86) Perylene-d12	15.509	264	587091	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2428234	125.449	ng		0.02
7) Phenol-d6	6.510	99	3110955	123.480	ng		0.00
23) Nitrobenzene-d5	7.445	82	1985045	104.261	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	891755	146.635	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	3638167	90.056	ng		0.00
79) Terphenyl-d14	12.992	244	3981121	89.069	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	343919	39.158	ng		99
3) Pyridine	3.563	79	850208	38.906	ng		99
4) n-Nitrosodimethylamine	3.504	42	451717	42.961	ng		94
6) Aniline	6.551	93	867546	33.122	ng		100
8) 2-Chlorophenol	6.669	128	900005	42.982	ng		98
9) Benzaldehyde	6.434	77	363128	24.779	ng		99
10) Phenol	6.522	94	1102271	40.943	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	848479	41.346	ng		99
12) 1,3-Dichlorobenzene	6.828	146	927514	41.363	ng		100
13) 1,4-Dichlorobenzene	6.904	146	940287	41.616	ng		99
14) 1,2-Dichlorobenzene	7.057	146	908206	43.046	ng		99
15) Benzyl Alcohol	7.022	79	806132	40.036	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1285320	41.242	ng		99
17) 2-Methylphenol	7.134	107	738248	42.714	ng		99
18) Hexachloroethane	7.398	117	351592	41.576	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	648751	39.172	ng		98
20) 3+4-Methylphenols	7.287	107	897325	41.694	ng	#	82
22) Acetophenone	7.292	105	1326666	44.759	ng		97
24) Nitrobenzene	7.469	77	938224	46.018	ng		100
25) Isophorone	7.704	82	1752788	42.852	ng		100
26) 2-Nitrophenol	7.781	139	410123	45.311	ng		99
27) 2,4-Dimethylphenol	7.810	122	785686	52.255	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	1057325	40.523	ng		100
29) 2,4-Dichlorophenol	8.016	162	740307	42.679	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	793857	41.766	ng		99
31) Naphthalene	8.186	128	2527358	40.407	ng		100
32) Benzoic acid	7.934	122	600862	47.899	ng		97
33) 4-Chloroaniline	8.233	127	345693	15.073	ng		99
34) Hexachlorobutadiene	8.304	225	491553	41.617	ng		98
35) Caprolactam	8.604	113	261127m	48.936	ng		
36) 4-Chloro-3-methylphenol	8.710	107	794276	41.221	ng		98
37) 2-Methylnaphthalene	8.881	142	1606734	39.163	ng		100
38) 1-Methylnaphthalene	8.980	142	1574965	40.008	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	853302	45.610	ng		99
41) Hexachlorocyclopentadiene	9.033	237	1098585	140.707	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	538491	44.559	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	545918	45.619	ng		99
46) 1,1'-Biphenyl	9.345	154	2247408	45.581	ng		100
47) 2-Chloronaphthalene	9.369	162	1567251	43.066	ng		98
48) 2-Nitroaniline	9.457	65	478794	48.059	ng		99
49) Acenaphthylene	9.786	152	2419425	44.342	ng		100
50) Dimethylphthalate	9.645	163	1793109	41.335	ng		100
51) 2,6-Dinitrotoluene	9.704	165	381103	46.046	ng		95
52) Acenaphthene	9.957	154	1709248	46.426	ng		99
53) 3-Nitroaniline	9.869	138	240809	28.525	ng	#	97
54) 2,4-Dinitrophenol	9.975	184	397720	97.096	ng	#	1
55) Dibenzofuran	10.127	168	2159728	40.304	ng		100
56) 4-Nitrophenol	10.028	139	728478	113.699	ng		96
57) 2,4-Dinitrotoluene	10.104	165	516243	50.715	ng		98
58) Fluorene	10.469	166	1673154	41.684	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	453528	43.576	ng		99
60) Diethylphthalate	10.345	149	1736070	39.920	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	820428	40.795	ng		99
62) 4-Nitroaniline	10.486	138	402567	54.340	ng		96
63) Azobenzene	10.622	77	1798212	39.271	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	251389	49.545	ng		99
66) n-Nitrosodiphenylamine	10.580	169	1482764	42.175	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	520971	41.658	ng		98
68) Hexachlorobenzene	11.016	284	562016	42.558	ng		99
69) Atrazine	11.104	200	560941	58.020	ng		98
70) Pentachlorophenol	11.210	266	730696	87.240	ng		100
71) Phenanthrene	11.433	178	2435929	42.534	ng		100
72) Anthracene	11.486	178	2486891	43.327	ng		100
73) Carbazole	11.633	167	2212995	43.660	ng		100
74) Di-n-butylphthalate	11.969	149	2543275	39.584	ng		100
75) Fluoranthene	12.616	202	2525462	43.036	ng		99
77) Benzidine	12.733	184	831114	91.311	ng		99
78) Pyrene	12.845	202	2573723	41.100	ng		100
80) Butylbenzylphthalate	13.463	149	1003521	44.108	ng		100
81) Benzo(a)anthracene	14.033	228	1997580	41.820	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	372226	27.161	ng		100
83) Chrysene	14.068	228	1825435	41.457	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1263650	44.606	ng		99
85) Di-n-octyl phthalate	14.633	149	1842435	43.441	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1654234	44.250	ng		99
88) Benzo(b)fluoranthene	15.080	252	1687386	42.194	ng		100
89) Benzo(k)fluoranthene	15.110	252	1380109	40.603	ng		99
90) Benzo(a)pyrene	15.451	252	1432461	44.664	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1316988	43.159	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1291482	41.312	ng		99

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

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