Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141973.D
Acq On : 17 Mar 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 10:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

03/18/2025
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03/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	158789	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	576888	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299010	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	485045	20.000	ng	0.00
76) Chrysene-d12	14.039	240	344713	20.000	ng	0.00
86) Perylene-d12	15.515	264	406777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	726019	76.309	ng	0.00
7) Phenol-d6	6.504	99	886092	73.148	ng	0.00
23) Nitrobenzene-d5	7.445	82	790242	77.089	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	289958	76.439	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1586112	80.672	ng	0.00
79) Terphenyl-d14	12.986	244	1590671	68.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	155645	39.043	ng	97
3) Pyridine	3.410	79	367552	37.587	ng	97
4) n-Nitrosodimethylamine	3.351	42	166807	35.785	ng	95
6) Aniline	6.545	93	413293	34.585	ng	99
8) 2-Chlorophenol	6.663	128	393828	37.323	ng	98
9) Benzaldehyde	6.434	77	221800	32.738	ng	99
10) Phenol	6.516	94	465329	36.514	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	340429	35.575	ng	100
12) 1,3-Dichlorobenzene	6.822	146	430495	37.789	ng	99
13) 1,4-Dichlorobenzene	6.898	146	438768	38.067	ng	100
14) 1,2-Dichlorobenzene	7.051	146	413499	38.087	ng	99
15) Benzyl Alcohol	7.016	79	350133	35.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	379037	32.809	ng	98
17) 2-Methylphenol	7.128	107	295057	35.168	ng	99
18) Hexachloroethane	7.392	117	159570	36.918	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	252004	32.376	ng	98
20) 3+4-Methylphenols	7.281	107	375963	34.985	ng	92
22) Acetophenone	7.286	105	522341	37.809	ng	98
24) Nitrobenzene	7.463	77	388485	38.121	ng	98
25) Isophorone	7.698	82	640327	35.337	ng	100
26) 2-Nitrophenol	7.775	139	199613	39.909	ng	99
27) 2,4-Dimethylphenol	7.810	122	252703	36.692	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	406390	35.757	ng	99
29) 2,4-Dichlorophenol	8.016	162	324190	37.924	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	368364	39.102	ng	100
31) Naphthalene	8.186	128	1138896	38.432	ng	99
32) Benzoic acid	7.916	122	246229	40.672	ng	97
33) 4-Chloroaniline	8.228	127	378960	36.225	ng	99
34) Hexachlorobutadiene	8.298	225	240979	39.224	ng	99
35) Caprolactam	8.592	113	88097	33.803	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	341518	35.814	ng	97
37) 2-Methylnaphthalene	8.875	142	728770	36.793	ng	99
38) 1-Methylnaphthalene	8.975	142	700647	36.656	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	376710	41.380	ng	98
41) Hexachlorocyclopentadiene	9.028	237	144722	40.620	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	237529	39.924	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	237390	39.396	ng		99
46) 1,1'-Biphenyl	9.339	154	912665	40.171	ng		99
47) 2-Chloronaphthalene	9.363	162	671630	39.662	ng		99
48) 2-Nitroaniline	9.457	65	185364	37.806	ng		95
49) Acenaphthylene	9.775	152	984935	39.195	ng		100
50) Dimethylphthalate	9.633	163	786521	37.563	ng		100
51) 2,6-Dinitrotoluene	9.698	165	167926	38.518	ng		92
52) Acenaphthene	9.951	154	696340	39.431	ng		99
53) 3-Nitroaniline	9.863	138	167656	37.911	ng		99
54) 2,4-Dinitrophenol	9.969	184	82618	37.186	ng	#	66
55) Dibenzofuran	10.122	168	963748	38.193	ng		98
56) 4-Nitrophenol	10.016	139	131636	39.471	ng		95
57) 2,4-Dinitrotoluene	10.098	165	217299	38.162	ng		97
58) Fluorene	10.463	166	745550	38.313	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	211323	38.540	ng		97
60) Diethylphthalate	10.333	149	765525	36.665	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	390230	38.465	ng		96
62) 4-Nitroaniline	10.475	138	162099	37.650	ng		97
63) Azobenzene	10.616	77	710130	36.583	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	117159	40.518	ng		99
66) n-Nitrosodiphenylamine	10.575	169	620160	39.510	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	240812	39.532	ng		98
68) Hexachlorobenzene	11.010	284	268345	40.165	ng		97
69) Atrazine	11.098	200	168874	35.096	ng		98
70) Pentachlorophenol	11.204	266	169814	41.253	ng		99
71) Phenanthrene	11.427	178	1015659	38.767	ng		99
72) Anthracene	11.480	178	1027806	39.103	ng		99
73) Carbazole	11.627	167	859650	37.924	ng		100
74) Di-n-butylphthalate	11.963	149	1117865	37.166	ng		99
75) Fluoranthene	12.616	202	1011634	36.402	ng		99
77) Benzidine	12.733	184	243279	50.584	ng		99
78) Pyrene	12.845	202	1012708	33.963	ng		99
80) Butylbenzylphthalate	13.457	149	409592	35.095	ng		99
81) Benzo(a)anthracene	14.027	228	853973	37.753	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	294213	45.008	ng		99
83) Chrysene	14.068	228	821964	40.087	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	591646	36.767	ng		100
85) Di-n-octyl phthalate	14.627	149	1009297	45.078	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1141241	43.371	ng		98
88) Benzo(b)fluoranthene	15.080	252	901999	32.354	ng		100
89) Benzo(k)fluoranthene	15.110	252	895733m	37.545	ng		
90) Benzo(a)pyrene	15.451	252	818116	37.504	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	945270	43.539	ng		99
92) Benzo(g,h,i)perylene	17.456	276	963148	44.892	ng		98

03/18/2025 Supervised By :Jagrut Upadhyay

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

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