Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141975.D
Acq On : 17 Mar 2025 10:38
Operator : RC/JU
Sample : PB167138BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 17 11:43:56 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 :
PB167138BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	141222	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	554560	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	303781	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	504498	20.000	ng		0.00
76) Chrysene-d12	14.039	240	333828	20.000	ng		0.00
86) Perylene-d12	15.510	264	362947	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1144674	135.277	ng		0.01
7) Phenol-d6	6.504	99	1377549	127.864	ng		0.00
23) Nitrobenzene-d5	7.440	82	911392	92.487	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	561156	145.609	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1928417	96.542	ng		0.00
79) Terphenyl-d14	12.986	244	2190697	97.021	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	149288	42.107	ng		99
3) Pyridine	3.493	79	344150	39.572	ng		99
4) n-Nitrosodimethylamine	3.440	42	171417	41.349	ng		97
6) Aniline	6.540	93	389591	36.657	ng		99
8) 2-Chlorophenol	6.663	128	417463	44.484	ng		98
9) Benzaldehyde	6.428	77	119570	19.844	ng		98
10) Phenol	6.522	94	486931	42.962	ng		100
11) bis(2-Chloroethyl)ether	6.616	93	363418	42.702	ng		98
12) 1,3-Dichlorobenzene	6.822	146	453659	44.776	ng		98
13) 1,4-Dichlorobenzene	6.898	146	462572	45.124	ng		99
14) 1,2-Dichlorobenzene	7.051	146	438794	45.445	ng		98
15) Benzyl Alcohol	7.016	79	361393	41.493	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	416083	40.496	ng		99
17) 2-Methylphenol	7.128	107	324616	43.504	ng		99
18) Hexachloroethane	7.392	117	169165	44.006	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	274538	39.658	ng		99
20) 3+4-Methylphenols	7.281	107	413073	43.219	ng	#	84
22) Acetophenone	7.287	105	621403	46.791	ng		99
24) Nitrobenzene	7.463	77	420610	42.935	ng		97
25) Isophorone	7.698	82	759024	43.574	ng		100
26) 2-Nitrophenol	7.775	139	219217	45.594	ng		98
27) 2,4-Dimethylphenol	7.810	122	354376	53.527	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	458821	41.996	ng		99
29) 2,4-Dichlorophenol	8.016	162	353401	43.005	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	399995	44.169	ng		99
31) Naphthalene	8.181	128	1232135	43.253	ng		100
32) Benzoic acid	7.922	122	274411	47.153	ng		98
33) 4-Chloroaniline	8.228	127	171528	17.057	ng		98
34) Hexachlorobutadiene	8.298	225	271213	45.922	ng		99
35) Caprolactam	8.592	113	116215m	46.387	ng		
36) 4-Chloro-3-methylphenol	8.704	107	379700	41.421	ng		97
37) 2-Methylnaphthalene	8.875	142	785533	41.255	ng		100
38) 1-Methylnaphthalene	8.975	142	763211	41.537	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	467239	50.518	ng		99
41) Hexachlorocyclopentadiene	9.028	237	589586	162.885	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	274137	45.353	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	277569	45.340	ng		99
46)	1,1'-Biphenyl	9.339	154	1135930	49.213	ng		100
47)	2-Chloronaphthalene	9.363	162	772312	44.892	ng		98
48)	2-Nitroaniline	9.451	65	219480	44.061	ng		99
49)	Acenaphthylene	9.781	152	1199637	46.989	ng		100
50)	Dimethylphthalate	9.633	163	907577	42.663	ng		100
51)	2,6-Dinitrotoluene	9.698	165	195897	44.228	ng		92
52)	Acenaphthene	9.951	154	891198	49.673	ng		98
53)	3-Nitroaniline	9.863	138	115933	25.804	ng		98
54)	2,4-Dinitrophenol	9.975	184	229567	90.300	ng	#	44
55)	Dibenzofuran	10.122	168	1089954	42.516	ng		98
56)	4-Nitrophenol	10.022	139	332090	98.013	ng		96
57)	2,4-Dinitrotoluene	10.098	165	268357	46.388	ng		99
58)	Fluorene	10.463	166	858236	43.412	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.239	232	245735	44.112	ng		97
60)	Diethylphthalate	10.333	149	887112	41.821	ng		100
61)	4-Chlorophenyl-phenyle...	10.457	204	445540	43.227	ng		97
62)	4-Nitroaniline	10.480	138	186945	42.739	ng		98
63)	Azobenzene	10.616	77	797922	40.461	ng		97
65)	4,6-Dinitro-2-methylph...	10.504	198	146872	48.835	ng		99
66)	n-Nitrosodiphenylamine	10.575	169	745411	45.659	ng		99
67)	4-Bromophenyl-phenylether	10.945	248	284479	44.899	ng		97
68)	Hexachlorobenzene	11.010	284	326018	46.916	ng		97
69)	Atrazine	11.098	200	297313	59.405	ng		99
70)	Pentachlorophenol	11.204	266	399175	93.232	ng		99
71)	Phenanthrene	11.428	178	1241805	45.572	ng		99
72)	Anthracene	11.480	178	1291431	47.239	ng		99
73)	Carbazole	11.627	167	1058886	44.912	ng		100
74)	Di-n-butylphthalate	11.963	149	1322057	42.260	ng		99
75)	Fluoranthene	12.610	202	1227371	42.462	ng		100
77)	Benzidine	12.733	184	321618	69.053	ng		99
78)	Pyrene	12.839	202	1235470	42.785	ng		99
80)	Butylbenzylphthalate	13.457	149	476110	42.125	ng		99
81)	Benzo(a)anthracene	14.027	228	999408	45.623	ng		100
82)	3,3'-Dichlorobenzidine	13.992	252	202082	31.922	ng		99
83)	Chrysene	14.063	228	939417	47.309	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.016	149	684813	43.945	ng		100
85)	Di-n-octyl phthalate	14.627	149	1104861	50.956	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.004	276	1249375	53.214	ng		98
88)	Benzo(b)fluoranthene	15.080	252	968052	38.917	ng		100
89)	Benzo(k)fluoranthene	15.110	252	977974	45.942	ng		99
90)	Benzo(a)pyrene	15.451	252	931736	47.871	ng		100
91)	Dibenzo(a,h)anthracene	17.021	278	1022581	52.788	ng		100
92)	Benzo(g,h,i)perylene	17.457	276	963992	50.357	ng		98

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

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