Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141941.D
Acq On : 13 Mar 2025 13:17
Operator : RC/JU
Sample : PB167097BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 13:42:14 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 :
PB167097BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	167779	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	666660	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	381133	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	657343	20.000	ng		0.00
76) Chrysene-d12	14.039	240	424407	20.000	ng		0.00
86) Perylene-d12	15.504	264	370791	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1406671	139.927	ng		0.02
7) Phenol-d6	6.504	99	1754393	137.067	ng		0.00
23) Nitrobenzene-d5	7.439	82	1168111	98.606	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	773860	160.048	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2451144	97.806	ng		0.00
79) Terphenyl-d14	12.986	244	3018229	105.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	183786	43.632	ng		99
3) Pyridine	3.534	79	435363	42.136	ng		100
4) n-Nitrosodimethylamine	3.481	42	219416	44.549	ng		97
6) Aniline	6.539	93	455935	36.109	ng		99
8) 2-Chlorophenol	6.663	128	522369	46.852	ng		99
9) Benzaldehyde	6.428	77	161518	22.563	ng		99
10) Phenol	6.516	94	616143	45.757	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	460406	45.535	ng		98
12) 1,3-Dichlorobenzene	6.816	146	549049	45.613	ng		100
13) 1,4-Dichlorobenzene	6.892	146	558151	45.829	ng		99
14) 1,2-Dichlorobenzene	7.045	146	535333	46.667	ng		99
15) Benzyl Alcohol	7.016	79	464922	44.930	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	521817	42.748	ng		99
17) 2-Methylphenol	7.128	107	413870	46.686	ng		98
18) Hexachloroethane	7.392	117	206331	45.179	ng		94
19) n-Nitroso-di-n-propyla...	7.292	70	356374	43.331	ng		99
20) 3+4-Methylphenols	7.281	107	525851	46.311	ng	#	81
22) Acetophenone	7.286	105	794019	49.735	ng		98
24) Nitrobenzene	7.457	77	540933	45.933	ng		100
25) Isophorone	7.698	82	992286	47.387	ng		100
26) 2-Nitrophenol	7.775	139	274315	47.460	ng		100
27) 2,4-Dimethylphenol	7.804	122	458082	57.557	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	584252	44.484	ng		100
29) 2,4-Dichlorophenol	8.010	162	454991	46.058	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	489377	44.952	ng		100
31) Naphthalene	8.181	128	1521001	44.415	ng		100
32) Benzoic acid	7.928	122	368882	52.727	ng		99
33) 4-Chloroaniline	8.222	127	189925	15.710	ng		98
34) Hexachlorobutadiene	8.298	225	330110	46.496	ng		99
35) Caprolactam	8.598	113	149736m	49.717	ng		
36) 4-Chloro-3-methylphenol	8.704	107	506070	45.924	ng		100
37) 2-Methylnaphthalene	8.869	142	984016	42.989	ng		98
38) 1-Methylnaphthalene	8.969	142	975143	44.147	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	589567	50.807	ng		98
41) Hexachlorocyclopentadiene	9.022	237	787647	173.440	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	373446	49.244	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	348841	45.418	ng		100
46) 1,1'-Biphenyl	9.333	154	1455375	50.256	ng		100
47) 2-Chloronaphthalene	9.363	162	993605	46.033	ng		99
48) 2-Nitroaniline	9.451	65	295534	47.288	ng		97
49) Acenaphthylene	9.775	152	1553482	48.500	ng		100
50) Dimethylphthalate	9.639	163	1224816	45.891	ng		100
51) 2,6-Dinitrotoluene	9.698	165	259612	46.717	ng		96
52) Acenaphthene	9.951	154	1170255	51.989	ng		98
53) 3-Nitroaniline	9.863	138	143947	25.536	ng		100
54) 2,4-Dinitrophenol	9.975	184	318705	99.219	ng	#	46
55) Dibenzofuran	10.122	168	1417170	44.061	ng		99
56) 4-Nitrophenol	10.022	139	439494	103.387	ng		98
57) 2,4-Dinitrotoluene	10.104	165	361052	49.745	ng		99
58) Fluorene	10.463	166	1147740	46.273	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	323625	46.303	ng		100
60) Diethylphthalate	10.339	149	1194423	44.881	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	597749	46.224	ng		96
62) 4-Nitroaniline	10.480	138	256469	46.734	ng		99
63) Azobenzene	10.616	77	1083805	43.803	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	199851	50.999	ng		97
66) n-Nitrosodiphenylamine	10.574	169	997450	46.890	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	382756	46.364	ng		97
68) Hexachlorobenzene	11.010	284	437639	48.335	ng		96
69) Atrazine	11.098	200	402029	61.650	ng		99
70) Pentachlorophenol	11.204	266	557370	99.911	ng		99
71) Phenanthrene	11.427	178	1669056	47.009	ng		100
72) Anthracene	11.474	178	1712956	48.088	ng		100
73) Carbazole	11.627	167	1439856	46.870	ng		100
74) Di-n-butylphthalate	11.957	149	1842392	45.199	ng		100
75) Fluoranthene	12.610	202	1728401	45.891	ng		100
77) Benzidine	12.727	184	500180	84.472	ng		100
78) Pyrene	12.839	202	1719348	46.834	ng		100
80) Butylbenzylphthalate	13.457	149	660564	45.971	ng		99
81) Benzo(a)anthracene	14.027	228	1314815	47.211	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	227079	28.215	ng		100
83) Chrysene	14.062	228	1167619	46.252	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	882521	44.545	ng		100
85) Di-n-octyl phthalate	14.627	149	1244287	45.138	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1228415	51.214	ng		98
88) Benzo(b)fluoranthene	15.074	252	1177030	46.317	ng		100
89) Benzo(k)fluoranthene	15.104	252	942444	43.336	ng		100
90) Benzo(a)pyrene	15.445	252	996055	50.093	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	1005280	50.797	ng		99
92) Benzo(g,h,i)perylene	17.445	276	938047	47.965	ng		98

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

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