Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141813.D
Acq On : 03 Mar 2025 15:15
Operator : RC/JU
Sample : PB166948BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 03 15:35:45 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 :
PB166948BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	312317	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1278557	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	706478	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1160885	20.000	ng		0.00
76) Chrysene-d12	14.045	240	677456	20.000	ng		0.00
86) Perylene-d12	15.516	264	595878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2603354	133.119	ng		0.02
7) Phenol-d6	6.510	99	3330064	130.823	ng		0.00
23) Nitrobenzene-d5	7.451	82	2151345	107.554	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	1003715	151.332	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	4043761	91.779	ng		0.00
79) Terphenyl-d14	12.998	244	4267613	101.920	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	367274	41.389	ng		99
3) Pyridine	3.552	79	902244	40.865	ng		99
4) n-Nitrosodimethylamine	3.499	42	472799	44.505	ng		98
6) Aniline	6.551	93	943187	35.641	ng		99
8) 2-Chlorophenol	6.669	128	961449	45.446	ng		99
9) Benzaldehyde	6.440	77	390599	26.380	ng		100
10) Phenol	6.528	94	1171512	43.069	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	914590	44.111	ng		99
12) 1,3-Dichlorobenzene	6.828	146	981553	43.324	ng		99
13) 1,4-Dichlorobenzene	6.904	146	994174	43.551	ng		100
14) 1,2-Dichlorobenzene	7.057	146	961646	45.112	ng		99
15) Benzyl Alcohol	7.022	79	873873	42.956	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1402276	44.534	ng		100
17) 2-Methylphenol	7.134	107	801441	45.895	ng		100
18) Hexachloroethane	7.398	117	377262	44.154	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	710749	42.476	ng		99
20) 3+4-Methylphenols	7.287	107	965283	44.392	ng	#	86
22) Acetophenone	7.298	105	1447074	46.471	ng		98
24) Nitrobenzene	7.469	77	1018619	47.555	ng		100
25) Isophorone	7.710	82	1972971	45.913	ng		99
26) 2-Nitrophenol	7.781	139	409659	43.305	ng		99
27) 2,4-Dimethylphenol	7.816	122	862903	54.627	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	1187210	43.310	ng		99
29) 2,4-Dichlorophenol	8.022	162	806282	44.245	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	852801	42.707	ng		99
31) Naphthalene	8.192	128	2777062	42.261	ng		99
32) Benzoic acid	7.940	122	589138	45.216	ng		100
33) 4-Chloroaniline	8.234	127	386354	16.035	ng		99
34) Hexachlorobutadiene	8.310	225	537489	43.315	ng		99
35) Caprolactam	8.610	113	310030m	55.303	ng		
36) 4-Chloro-3-methylphenol	8.710	107	881480	43.544	ng		99
37) 2-Methylnaphthalene	8.881	142	1780885	41.318	ng		100
38) 1-Methylnaphthalene	8.981	142	1734005	41.927	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	930415	45.600	ng		99
41) Hexachlorocyclopentadiene	9.034	237	1182926	138.921	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	608868	46.196	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	579602	44.410	ng		98
46) 1,1'-Biphenyl	9.345	154	2494106	46.381	ng		99
47) 2-Chloronaphthalene	9.369	162	1711660	43.126	ng		99
48) 2-Nitroaniline	9.463	65	518618	47.761	ng		99
49) Acenaphthylene	9.787	152	2677140	44.989	ng		100
50) Dimethylphthalate	9.651	163	2054863	43.433	ng		100
51) 2,6-Dinitrotoluene	9.704	165	420239	46.524	ng		98
52) Acenaphthene	9.957	154	1875323	46.705	ng		99
53) 3-Nitroaniline	9.875	138	246155	26.922	ng	#	98
54) 2,4-Dinitrophenol	9.981	184	373036	87.041	ng	#	1
55) Dibenzofuran	10.134	168	2421909	41.441	ng		99
56) 4-Nitrophenol	10.028	139	748067	107.056	ng		98
57) 2,4-Dinitrotoluene	10.110	165	571836	51.453	ng		99
58) Fluorene	10.475	166	1853777	42.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	502599	44.279	ng		99
60) Diethylphthalate	10.351	149	2030110	42.803	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	931018	42.448	ng		99
62) 4-Nitroaniline	10.492	138	436441	54.017	ng		97
63) Azobenzene	10.628	77	2105967	42.171	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	240235	44.632	ng		98
66) n-Nitrosodiphenylamine	10.586	169	1673137	43.892	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	590419	43.543	ng		98
68) Hexachlorobenzene	11.022	284	637521	44.524	ng		99
69) Atrazine	11.110	200	641101	61.158	ng		99
70) Pentachlorophenol	11.210	266	780256	85.919	ng		99
71) Phenanthrene	11.439	178	2690544	43.329	ng		100
72) Anthracene	11.486	178	2752829	44.234	ng		100
73) Carbazole	11.639	167	2368839	43.103	ng		100
74) Di-n-butylphthalate	11.975	149	2949742	42.343	ng		100
75) Fluoranthene	12.622	202	2678058	42.090	ng		99
77) Benzidine	12.739	184	837822	98.258	ng		99
78) Pyrene	12.851	202	2695686	45.952	ng		100
80) Butylbenzylphthalate	13.469	149	1019496	47.833	ng		99
81) Benzo(a)anthracene	14.033	228	1999825	44.692	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	380589	29.645	ng		99
83) Chrysene	14.074	228	1759614	42.659	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1341149	50.535	ng		99
85) Di-n-octyl phthalate	14.639	149	1945518	48.966	ng		100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1783584	47.006	ng		100
88) Benzo(b)fluoranthene	15.086	252	1808141	44.547	ng		100
89) Benzo(k)fluoranthene	15.116	252	1395324	40.445	ng		100
90) Benzo(a)pyrene	15.457	252	1512456	46.462	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	1434269	46.309	ng		100
92) Benzo(g,h,i)perylene	17.462	276	1385400	43.663	ng		99

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

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