Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142125.D
Acq On : 27 Mar 2025 14:38
Operator : RC/JU
Sample : Q1645-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Quant Time: Mar 27 15:05:29 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

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	118931	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	428651	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	240079	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	421857	20.000	ng		0.00
76) Chrysene-d12	14.033	240	270603	20.000	ng		0.00
86) Perylene-d12	15.510	264	302888	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	807674	113.341	ng		0.00
7) Phenol-d6	6.498	99	999127	110.120	ng		0.00
23) Nitrobenzene-d5	7.434	82	650597	85.414	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	375780	123.380	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1242403	78.702	ng		-0.01
79) Terphenyl-d14	12.980	244	1438911	78.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	126662	42.421	ng		97
3) Pyridine	3.434	79	344324	47.013	ng		97
4) n-Nitrosodimethylamine	3.381	42	151391	43.362	ng		91
6) Aniline	6.534	93	255002	28.490	ng		99
8) 2-Chlorophenol	6.657	128	384383	48.636	ng		97
9) Benzaldehyde	6.422	77	245382	48.358	ng		97
10) Phenol	6.510	94	457747	47.956	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	332329	46.368	ng		97
12) 1,3-Dichlorobenzene	6.810	146	411305	48.205	ng		99
13) 1,4-Dichlorobenzene	6.887	146	421654	48.842	ng		99
14) 1,2-Dichlorobenzene	7.040	146	403225	49.588	ng		98
15) Benzyl Alcohol	7.010	79	328415	44.773	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368509	42.588	ng		99
17) 2-Methylphenol	7.122	107	306558	48.784	ng		99
18) Hexachloroethane	7.381	117	152043	46.966	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	244537	41.945	ng		99
20) 3+4-Methylphenols	7.275	107	383127	47.600	ng	#	81
22) Acetophenone	7.281	105	504066	49.104	ng		99
24) Nitrobenzene	7.451	77	365582	48.280	ng		98
25) Isophorone	7.692	82	642412	47.713	ng		98
26) 2-Nitrophenol	7.769	139	195542	52.616	ng		98
27) 2,4-Dimethylphenol	7.804	122	313727	61.306	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	391299	46.336	ng		98
29) 2,4-Dichlorophenol	8.010	162	310476	48.880	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	344625	49.233	ng		98
31) Naphthalene	8.175	128	1020223	46.334	ng		99
32) Benzoic acid	7.881	122	34243m	7.612	ng		
33) 4-Chloroaniline	8.222	127	136643	17.579	ng		98
34) Hexachlorobutadiene	8.292	225	227475	49.830	ng		99
35) Caprolactam	8.586	113	85476m	44.139	ng		
36) 4-Chloro-3-methylphenol	8.704	107	329805	46.546	ng		98
37) 2-Methylnaphthalene	8.869	142	629321	42.759	ng		99
38) 1-Methylnaphthalene	8.963	142	651028	45.839	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	360644	49.339	ng		98
41) Hexachlorocyclopentadiene	9.016	237	427558	149.464	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	236165	49.438	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	245046	50.648	ng		99
46) 1,1'-Biphenyl	9.328	154	870804	47.737	ng		100
47) 2-Chloronaphthalene	9.357	162	667161	49.069	ng		98
48) 2-Nitroaniline	9.451	65	196504	49.916	ng		96
49) Acenaphthylene	9.769	152	1053858	52.232	ng		100
50) Dimethylphthalate	9.628	163	790228	47.003	ng		100
51) 2,6-Dinitrotoluene	9.692	165	177926	50.830	ng		91
52) Acenaphthene	9.945	154	670697	47.302	ng		99
53) 3-Nitroaniline	9.857	138	98500	27.741	ng		98
54) 2,4-Dinitrophenol	9.969	184	63531	35.892	ng	#	48
55) Dibenzofuran	10.116	168	942951	46.542	ng		98
56) 4-Nitrophenol	10.022	139	257427	96.137	ng		96
57) 2,4-Dinitrotoluene	10.098	165	248908	54.443	ng		96
58) Fluorene	10.457	166	753136	48.204	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	197384	44.834	ng		96
60) Diethylphthalate	10.328	149	764234	45.588	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	388582	47.704	ng		96
62) 4-Nitroaniline	10.475	138	183216	53.001	ng		98
63) Azobenzene	10.610	77	752901	48.308	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	79963	31.796	ng		95
66) n-Nitrosodiphenylamine	10.569	169	656483	48.089	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	254054	47.952	ng		97
68) Hexachlorobenzene	11.004	284	291080	50.094	ng		97
69) Atrazine	11.092	200	234787	56.102	ng		99
70) Pentachlorophenol	11.198	266	198824	55.535	ng		99
71) Phenanthrene	11.422	178	1120873	49.192	ng		99
72) Anthracene	11.475	178	1153378	50.454	ng		100
73) Carbazole	11.627	167	1000454	50.746	ng		99
74) Di-n-butylphthalate	11.951	149	1162000	44.420	ng		99
75) Fluoranthene	12.610	202	1154134	47.750	ng		99
77) Benzidine	12.727	184	313510	83.040	ng		99
78) Pyrene	12.839	202	1149036	49.088	ng		99
80) Butylbenzylphthalate	13.451	149	407688	44.499	ng		98
81) Benzo(a)anthracene	14.027	228	888765	50.051	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	87161	16.985	ng		98
83) Chrysene	14.063	228	778573	48.370	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	466870	36.959	ng		99
85) Di-n-octyl phthalate	14.621	149	737971	41.987	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	885912	45.215	ng		98
88) Benzo(b)fluoranthene	15.080	252	876313	42.214	ng		99
89) Benzo(k)fluoranthene	15.110	252	790523	44.500	ng		99
90) Benzo(a)pyrene	15.451	252	824350	50.752	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	708761	43.843	ng		98
92) Benzo(g,h,i)perylene	17.451	276	636501	39.843	ng		97

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

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