Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142120.D
Acq On : 27 Mar 2025 12:02
Operator : RC/JU
Sample : PB167326BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 27 13:06:10 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 :
PB167326BSD

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	128359	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	506436	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	293607	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	571064	20.000	ng		0.00
76) Chrysene-d12	14.039	240	370781	20.000	ng		0.00
86) Perylene-d12	15.509	264	364885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1098038	142.770	ng		0.00
7) Phenol-d6	6.498	99	1345902	137.445	ng		0.00
23) Nitrobenzene-d5	7.434	82	895014	99.455	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	643432	172.743	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1908522	98.857	ng		-0.01
79) Terphenyl-d14	12.980	244	2716225	108.307	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	134943	41.875	ng		96
3) Pyridine	3.475	79	316024	39.980	ng		97
4) n-Nitrosodimethylamine	3.416	42	150383	39.910	ng		94
6) Aniline	6.534	93	342994	35.507	ng		100
8) 2-Chlorophenol	6.657	128	388457	45.541	ng		97
9) Benzaldehyde	6.422	77	89697	16.378	ng		99
10) Phenol	6.516	94	446419	43.334	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	332717	43.012	ng		98
12) 1,3-Dichlorobenzene	6.810	146	407468	44.247	ng		99
13) 1,4-Dichlorobenzene	6.886	146	416282	44.678	ng		99
14) 1,2-Dichlorobenzene	7.039	146	396652	45.197	ng		98
15) Benzyl Alcohol	7.010	79	326852	41.287	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	365739	39.163	ng		98
17) 2-Methylphenol	7.122	107	302999	44.676	ng		99
18) Hexachloroethane	7.381	117	153899	44.047	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	248686	39.523	ng		98
20) 3+4-Methylphenols	7.275	107	377478	43.453	ng	#	78
22) Acetophenone	7.281	105	565019	46.588	ng		99
24) Nitrobenzene	7.451	77	386464	43.198	ng		98
25) Isophorone	7.692	82	704886	44.312	ng		99
26) 2-Nitrophenol	7.769	139	210358	47.909	ng		97
27) 2,4-Dimethylphenol	7.804	122	325380	53.817	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	417173	41.812	ng		100
29) 2,4-Dichlorophenol	8.010	162	334484	44.571	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	361727	43.739	ng		99
31) Naphthalene	8.175	128	1109339	42.643	ng		100
32) Benzoic acid	7.922	122	266839	50.209	ng		96
33) 4-Chloroaniline	8.222	127	161312	17.565	ng		97
34) Hexachlorobutadiene	8.292	225	244475	45.329	ng		99
35) Caprolactam	8.592	113	116633m	50.977	ng		
36) 4-Chloro-3-methylphenol	8.704	107	364359	43.525	ng		97
37) 2-Methylnaphthalene	8.863	142	729673	41.963	ng		99
38) 1-Methylnaphthalene	8.963	142	710214	42.326	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	437099	48.897	ng		99
41) Hexachlorocyclopentadiene	9.016	237	542675	155.120	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	262235	44.887	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	276957	46.808	ng		99
46) 1,1'-Biphenyl	9.328	154	1073797	48.134	ng		99
47) 2-Chloronaphthalene	9.357	162	737688	44.365	ng		98
48) 2-Nitroaniline	9.451	65	216532	44.976	ng		96
49) Acenaphthylene	9.769	152	1155014	46.809	ng		100
50) Dimethylphthalate	9.627	163	915399	44.522	ng		100
51) 2,6-Dinitrotoluene	9.692	165	200782	46.902	ng		93
52) Acenaphthene	9.945	154	872781	50.332	ng		100
53) 3-Nitroaniline	9.863	138	121605	28.004	ng		95
54) 2,4-Dinitrophenol	9.969	184	244415	98.804	ng	#	46
55) Dibenzofuran	10.116	168	1079259	43.558	ng		98
56) 4-Nitrophenol	10.022	139	323687	98.844	ng		97
57) 2,4-Dinitrotoluene	10.098	165	285275	51.021	ng		96
58) Fluorene	10.457	166	865980	45.321	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	258101	47.937	ng		96
60) Diethylphthalate	10.333	149	905154	44.151	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	450165	45.189	ng		96
62) 4-Nitroaniline	10.475	138	197627	46.747	ng		99
63) Azobenzene	10.610	77	793844	41.649	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	163659	48.073	ng		98
66) n-Nitrosodiphenylamine	10.569	169	766134	41.458	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	309451	43.148	ng		97
68) Hexachlorobenzene	11.004	284	363268	46.182	ng		96
69) Atrazine	11.098	200	335176	59.164	ng		98
70) Pentachlorophenol	11.198	266	441191	91.034	ng		99
71) Phenanthrene	11.422	178	1385798	44.928	ng		99
72) Anthracene	11.474	178	1418009	45.823	ng		100
73) Carbazole	11.627	167	1202459	45.056	ng		99
74) Di-n-butylphthalate	11.957	149	1531120	43.238	ng		99
75) Fluoranthene	12.610	202	1446036	44.195	ng		100
77) Benzidine	12.727	184	344081	66.514	ng		99
78) Pyrene	12.839	202	1404705	43.797	ng		99
80) Butylbenzylphthalate	13.457	149	553970	44.129	ng		96
81) Benzo(a)anthracene	14.027	228	1129956	46.441	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	200417	28.504	ng		99
83) Chrysene	14.063	228	994865	45.108	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	737838	42.629	ng		99
85) Di-n-octyl phthalate	14.621	149	1057849	43.925	ng		98
87) Indeno(1,2,3-cd)pyrene	17.003	276	1058528	44.846	ng		98
88) Benzo(b)fluoranthene	15.080	252	988239	39.517	ng		99
89) Benzo(k)fluoranthene	15.110	252	928386	43.381	ng		99
90) Benzo(a)pyrene	15.451	252	900651	46.028	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	873928	44.874	ng		99
92) Benzo(g,h,i)perylene	17.451	276	782366	40.652	ng		98

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

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