Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142730.D
Acq On : 11 Jun 2025 12:49
Operator : RC/JU
Sample : PB168378BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 13:21:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	76751	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	302135	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	167728	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	281544	20.000	ng		0.00
76) Chrysene-d12	14.068	240	142888	20.000	ng		0.00
86) Perylene-d12	15.563	264	157698	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	393651	87.353	ng		0.01
7) Phenol-d6	6.522	99	470780	88.769	ng		0.00
23) Nitrobenzene-d5	7.457	82	438944	79.509	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	158560	86.255	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	976819	77.373	ng		0.00
79) Terphenyl-d14	13.010	244	880130	84.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	65378	36.659	ng		100
3) Pyridine	3.516	79	178704	39.963	ng		99
4) n-Nitrosodimethylamine	3.475	42	101186	44.226	ng		98
6) Aniline	6.551	93	254366	35.835	ng	#	89
8) 2-Chlorophenol	6.675	128	227779	46.252	ng		99
9) Benzaldehyde	6.440	77	108795	33.126	ng		98
10) Phenol	6.540	94	272956	46.303	ng		95
11) bis(2-Chloroethyl)ether	6.628	93	200300	45.490	ng		99
12) 1,3-Dichlorobenzene	6.834	146	244216	43.453	ng		99
13) 1,4-Dichlorobenzene	6.910	146	246879	43.465	ng		100
14) 1,2-Dichlorobenzene	7.063	146	237334	43.591	ng		99
15) Benzyl Alcohol	7.034	79	182823	45.609	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	299615	43.219	ng		91
17) 2-Methylphenol	7.145	107	175533	46.494	ng		99
18) Hexachloroethane	7.404	117	89036	43.742	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	152112	45.053	ng		99
20) 3+4-Methylphenols	7.298	107	220572	46.342	ng		99
22) Acetophenone	7.304	105	298452	44.407	ng		99
24) Nitrobenzene	7.475	77	221581	45.223	ng		98
25) Isophorone	7.716	82	410052	43.868	ng		99
26) 2-Nitrophenol	7.792	139	126449	46.242	ng		98
27) 2,4-Dimethylphenol	7.828	122	213328	45.821	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	258303	44.509	ng		99
29) 2,4-Dichlorophenol	8.034	162	200463	46.656	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	210934	44.428	ng		100
31) Naphthalene	8.198	128	655505	43.869	ng		99
32) Benzoic acid	7.957	122	132448	50.515	ng		98
33) 4-Chloroaniline	8.245	127	119758	19.961	ng		99
34) Hexachlorobutadiene	8.316	225	131496	43.463	ng		99
35) Caprolactam	8.622	113	58799m	50.698	ng		
36) 4-Chloro-3-methylphenol	8.734	107	204223	45.712	ng		100
37) 2-Methylnaphthalene	8.892	142	416294	44.016	ng		98
38) 1-Methylnaphthalene	8.992	142	429158	43.802	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	214706	44.228	ng		98
41) Hexachlorocyclopentadiene	9.045	237	288286	92.525	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	146293	46.554	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154850	45.624	ng	97
46) 1,1'-Biphenyl	9.357	154	583366	44.791	ng	100
47) 2-Chloronaphthalene	9.381	162	431454	44.965	ng	100
48) 2-Nitroaniline	9.475	65	124893	45.764	ng	100
49) Acenaphthylene	9.798	152	723824	44.738	ng	100
50) Dimethylphthalate	9.657	163	518619	46.303	ng	99
51) 2,6-Dinitrotoluene	9.722	165	112796	46.596	ng	96
52) Acenaphthene	9.969	154	500577	49.902	ng	99
53) 3-Nitroaniline	9.886	138	76269	29.048	ng	99
54) 2,4-Dinitrophenol	9.998	184	140255	105.771	ng	92
55) Dibenzofuran	10.145	168	632379	44.270	ng	99
56) 4-Nitrophenol	10.051	139	169187	95.007	ng	96
57) 2,4-Dinitrotoluene	10.128	165	153739	48.034	ng	98
58) Fluorene	10.486	166	496194	43.988	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	129343	45.297	ng	99
60) Diethylphthalate	10.357	149	512148	46.113	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	245652	44.592	ng	99
62) 4-Nitroaniline	10.504	138	108281	46.097	ng	96
63) Azobenzene	10.633	77	438915	45.250	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	85240	48.347	ng	97
66) n-Nitrosodiphenylamine	10.598	169	433082	44.751	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	151636	45.628	ng	97
68) Hexachlorobenzene	11.033	284	167076	45.291	ng	99
69) Atrazine	11.122	200	128130	49.660	ng	99
70) Pentachlorophenol	11.227	266	178786	92.457	ng	98
71) Phenanthrene	11.451	178	673371	44.643	ng	99
72) Anthracene	11.504	178	691444	44.314	ng	99
73) Carbazole	11.657	167	588206	45.030	ng	100
74) Di-n-butylphthalate	11.980	149	700567	48.030	ng	100
75) Fluoranthene	12.639	202	635251	44.291	ng	99
77) Benzidine	12.757	184	177447	34.870	ng	99
78) Pyrene	12.869	202	619254	46.636	ng	100
80) Butylbenzylphthalate	13.480	149	201625	51.348	ng	100
81) Benzo(a)anthracene	14.057	228	442921	46.778	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	83559	27.366	ng	98
83) Chrysene	14.092	228	406223	46.467	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	297468	50.479	ng	99
85) Di-n-octyl phthalate	14.657	149	546941	48.377	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	533463	45.649	ng	100
88) Benzo(b)fluoranthene	15.121	252	464274	50.000	ng	99
89) Benzo(k)fluoranthene	15.151	252	382260	42.429	ng	99
90) Benzo(a)pyrene	15.498	252	415063	47.013	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	439975	46.109	ng	100
92) Benzo(g,h,i)perylene	17.545	276	425643	44.858	ng	100

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

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