Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142729.D
Acq On : 11 Jun 2025 12:19
Operator : RC/JU
Sample : PB168378BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 12:57:47 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 :
PB168378BS

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	6.893	152	85225	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	326755	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	179431	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	293869	20.000	ng		0.00
76) Chrysene-d12	14.069	240	155674	20.000	ng		0.00
86) Perylene-d12	15.563	264	174199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	379404	75.820	ng		0.01
7) Phenol-d6	6.522	99	450905	76.568	ng		0.00
23) Nitrobenzene-d5	7.457	82	422282	70.727	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	147244	74.875	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	938054	69.456	ng		0.00
79) Terphenyl-d14	13.010	244	809308	71.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	62464	31.542	ng		98
3) Pyridine	3.516	79	173857	35.013	ng		99
4) n-Nitrosodimethylamine	3.475	42	99939	39.337	ng		99
6) Aniline	6.551	93	240780	30.549	ng		92
8) 2-Chlorophenol	6.675	128	218132	39.889	ng		99
9) Benzaldehyde	6.440	77	104275	28.593	ng		98
10) Phenol	6.534	94	259641	39.665	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	190792	39.023	ng		98
12) 1,3-Dichlorobenzene	6.834	146	236378	37.877	ng		98
13) 1,4-Dichlorobenzene	6.910	146	237979	37.732	ng		100
14) 1,2-Dichlorobenzene	7.063	146	226786	37.512	ng		99
15) Benzyl Alcohol	7.034	79	176058	39.555	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	288985	37.541	ng		94
17) 2-Methylphenol	7.146	107	169733	40.488	ng		100
18) Hexachloroethane	7.404	117	84068	37.194	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	143838	38.367	ng		98
20) 3+4-Methylphenols	7.298	107	212217	40.153	ng		99
22) Acetophenone	7.298	105	285700	39.307	ng	#	95
24) Nitrobenzene	7.475	77	211373	39.889	ng		98
25) Isophorone	7.716	82	390517	38.630	ng		99
26) 2-Nitrophenol	7.793	139	120281	40.672	ng		99
27) 2,4-Dimethylphenol	7.828	122	202881	40.293	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	245567	39.126	ng		100
29) 2,4-Dichlorophenol	8.034	162	189180	40.713	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	202251	39.390	ng		99
31) Naphthalene	8.198	128	630631	39.024	ng		99
32) Benzoic acid	7.957	122	125330	44.198	ng		99
33) 4-Chloroaniline	8.245	127	119709	18.450	ng		99
34) Hexachlorobutadiene	8.316	225	125881	38.472	ng		99
35) Caprolactam	8.616	113	55019m	43.864	ng		
36) 4-Chloro-3-methylphenol	8.728	107	193328	40.013	ng		99
37) 2-Methylnaphthalene	8.892	142	396326	38.747	ng		99
38) 1-Methylnaphthalene	8.992	142	408200	38.524	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205519	39.574	ng		99
41) Hexachlorocyclopentadiene	9.045	237	276473	82.946	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	140946	41.927	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145801	40.156	ng	98
46) 1,1'-Biphenyl	9.357	154	550123	39.483	ng	100
47) 2-Chloronaphthalene	9.381	162	406310	39.583	ng	100
48) 2-Nitroaniline	9.475	65	117414	40.217	ng	99
49) Acenaphthylene	9.798	152	681151	39.355	ng	99
50) Dimethylphthalate	9.657	163	485742	40.539	ng	100
51) 2,6-Dinitrotoluene	9.722	165	104752	40.450	ng	97
52) Acenaphthene	9.969	154	472242	44.007	ng	100
53) 3-Nitroaniline	9.887	138	71601	25.491	ng	100
54) 2,4-Dinitrophenol	9.998	184	130454	91.963	ng	91
55) Dibenzofuran	10.145	168	602519	39.429	ng	99
56) 4-Nitrophenol	10.051	139	160615	84.311	ng	96
57) 2,4-Dinitrotoluene	10.128	165	143403	41.882	ng	98
58) Fluorene	10.486	166	472606	39.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	122731	40.178	ng	100
60) Diethylphthalate	10.357	149	475595	40.029	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	231195	39.230	ng	99
62) 4-Nitroaniline	10.504	138	99805	39.718	ng	98
63) Azobenzene	10.634	77	412480	39.751	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	81115	44.078	ng	99
66) n-Nitrosodiphenylamine	10.598	169	410986	40.686	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	141136	40.687	ng	99
68) Hexachlorobenzene	11.034	284	157543	40.915	ng	98
69) Atrazine	11.122	200	119461	44.358	ng	98
70) Pentachlorophenol	11.228	266	168261	83.365	ng	99
71) Phenanthrene	11.451	178	629331	39.974	ng	100
72) Anthracene	11.504	178	648250	39.803	ng	100
73) Carbazole	11.657	167	551955	40.483	ng	99
74) Di-n-butylphthalate	11.980	149	640419	42.065	ng	100
75) Fluoranthene	12.639	202	588781	39.329	ng	99
77) Benzidine	12.757	184	170163	30.693	ng	99
78) Pyrene	12.869	202	583089	40.305	ng	99
80) Butylbenzylphthalate	13.480	149	192730	45.051	ng	100
81) Benzo(a)anthracene	14.057	228	422475	40.954	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	81903	24.621	ng	98
83) Chrysene	14.092	228	392406	41.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	286530	44.629	ng	99
85) Di-n-octyl phthalate	14.657	149	533655	43.325	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	524989	40.668	ng	100
88) Benzo(b)fluoranthene	15.121	252	455115	44.371	ng	99
89) Benzo(k)fluoranthene	15.151	252	371578	37.337	ng	100
90) Benzo(a)pyrene	15.498	252	405481	41.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	433815	41.157	ng	100
92) Benzo(g,h,i)perylene	17.539	276	417636	39.845	ng	99

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

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