Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142948.D
Acq On : 01 Jul 2025 14:20
Operator : RC/JU
Sample : PB168649BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168649BS

Quant Time: Jul 01 14:40:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	61044	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	231195	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	114663	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	176464	20.000	ng		0.00
76) Chrysene-d12	14.051	240	114544	20.000	ng		0.00
86) Perylene-d12	15.539	264	137043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	470424	128.304	ng		0.01
7) Phenol-d6	6.510	99	546182	126.264	ng		0.00
23) Nitrobenzene-d5	7.439	82	336872	79.923	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	148938	126.223	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	733536	84.040	ng		-0.01
79) Terphenyl-d14	12.986	244	595119	71.787	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	53482	36.469	ng		99
3) Pyridine	3.469	79	148477	40.386	ng		97
4) n-Nitrosodimethylamine	3.422	42	81640	42.942	ng		99
6) Aniline	6.534	93	190024	33.015	ng	#	76
8) 2-Chlorophenol	6.657	128	176292	44.574	ng		98
9) Benzaldehyde	6.422	77	70542	27.487	ng		99
10) Phenol	6.522	94	202603	42.136	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	151896	44.199	ng		96
12) 1,3-Dichlorobenzene	6.816	146	196071	44.327	ng		99
13) 1,4-Dichlorobenzene	6.892	146	196990	44.141	ng		99
14) 1,2-Dichlorobenzene	7.045	146	188539	44.542	ng		98
15) Benzyl Alcohol	7.016	79	138733	44.363	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227639	41.229	ng		89
17) 2-Methylphenol	7.128	107	129609	43.243	ng		99
18) Hexachloroethane	7.387	117	69551	44.557	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	110795	44.039	ng		98
20) 3+4-Methylphenols	7.281	107	163177	43.665	ng		93
22) Acetophenone	7.281	105	231867	45.480	ng		99
24) Nitrobenzene	7.457	77	168026	44.044	ng		98
25) Isophorone	7.698	82	295732	43.738	ng		99
26) 2-Nitrophenol	7.775	139	95573	45.989	ng		99
27) 2,4-Dimethylphenol	7.810	122	154669	42.967	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	186525	43.392	ng		100
29) 2,4-Dichlorophenol	8.016	162	144079	44.142	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	160502	44.719	ng		100
31) Naphthalene	8.181	128	498301	44.033	ng		100
32) Benzoic acid	7.928	122	77344	42.155	ng		96
33) 4-Chloroaniline	8.228	127	101198	21.992	ng		99
34) Hexachlorobutadiene	8.292	225	99990	45.546	ng		100
35) Caprolactam	8.598	113	38641	44.864	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	138409	42.668	ng		99
37) 2-Methylnaphthalene	8.869	142	309154	44.065	ng		99
38) 1-Methylnaphthalene	8.969	142	316459	43.573	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158865	46.955	ng		98
41) Hexachlorocyclopentadiene	9.022	237	178478	92.959	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	97335	44.150	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101994	43.948	ng	99
46) 1,1'-Biphenyl	9.339	154	416990	46.037	ng	99
47) 2-Chloronaphthalene	9.363	162	307505	45.240	ng	100
48) 2-Nitroaniline	9.457	65	83872	44.013	ng	97
49) Acenaphthylene	9.780	152	495998	44.327	ng	100
50) Dimethylphthalate	9.633	163	334622	45.084	ng	99
51) 2,6-Dinitrotoluene	9.698	165	73609	45.159	ng	100
52) Acenaphthene	9.951	154	333580m	48.861	ng	
53) 3-Nitroaniline	9.869	138	48995	27.301	ng	97
54) 2,4-Dinitrophenol	9.980	184	74241	90.963	ng	97
55) Dibenzofuran	10.122	168	438874	44.830	ng	99
56) 4-Nitrophenol	10.039	139	101548	82.653	ng	99
57) 2,4-Dinitrotoluene	10.104	165	98510	45.499	ng	98
58) Fluorene	10.469	166	335922	43.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81701	43.674	ng	95
60) Diethylphthalate	10.333	149	328095	45.085	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	163942	44.935	ng	99
62) 4-Nitroaniline	10.486	138	69318	42.233	ng	98
63) Azobenzene	10.616	77	279159	42.920	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	49173	46.069	ng	96
66) n-Nitrosodiphenylamine	10.575	169	288291	47.139	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	95437	47.521	ng	96
68) Hexachlorobenzene	11.016	284	105884	47.448	ng	99
69) Atrazine	11.098	200	80518	50.983	ng	99
70) Pentachlorophenol	11.210	266	97610	87.779	ng	100
71) Phenanthrene	11.427	178	440329	46.064	ng	100
72) Anthracene	11.480	178	452166	46.122	ng	100
73) Carbazole	11.639	167	384308	45.425	ng	100
74) Di-n-butylphthalate	11.963	149	442675	50.228	ng	99
75) Fluoranthene	12.621	202	412056	45.421	ng	99
77) Benzidine	12.739	184	163833	38.069	ng	99
78) Pyrene	12.851	202	413028	38.469	ng	100
80) Butylbenzylphthalate	13.463	149	159245	51.132	ng	97
81) Benzo(a)anthracene	14.039	228	346937	44.898	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	64718	25.821	ng	100
83) Chrysene	14.074	228	324437	47.053	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	241584	53.913	ng	100
85) Di-n-octyl phthalate	14.633	149	444091	52.559	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	458083	43.884	ng	98
88) Benzo(b)fluoranthene	15.104	252	360985	45.522	ng	99
89) Benzo(k)fluoranthene	15.133	252	372857	50.257	ng	99
90) Benzo(a)pyrene	15.480	252	363172	47.406	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	373393	44.025	ng	99
92) Benzo(g,h,i)perylene	17.515	276	368794	43.606	ng	98

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

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