Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142949.D
Acq On : 01 Jul 2025 14:51
Operator : RC/JU
Sample : PB168657BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168657BS

Quant Time: Jul 01 15:15:51 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	63818	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	236768	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	121409	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	187260	20.000	ng		0.00
76) Chrysene-d12	14.051	240	116065	20.000	ng		0.00
86) Perylene-d12	15.539	264	141724	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	456828	119.180	ng		0.01
7) Phenol-d6	6.510	99	534667	118.229	ng		0.00
23) Nitrobenzene-d5	7.440	82	332531	77.036	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	149637	119.769	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	719819	77.886	ng		-0.01
79) Terphenyl-d14	12.992	244	585621	69.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	53418	34.842	ng		99
3) Pyridine	3.469	79	144098	37.491	ng		97
4) n-Nitrosodimethylamine	3.422	42	79530	40.014	ng		99
6) Aniline	6.534	93	181466	30.157	ng	#	78
8) 2-Chlorophenol	6.657	128	178292	43.120	ng		98
9) Benzaldehyde	6.422	77	73402	27.358	ng		98
10) Phenol	6.522	94	203660	40.514	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	150474	41.882	ng		97
12) 1,3-Dichlorobenzene	6.816	146	195006	42.170	ng		100
13) 1,4-Dichlorobenzene	6.892	146	199699	42.803	ng		99
14) 1,2-Dichlorobenzene	7.045	146	187166	42.295	ng		99
15) Benzyl Alcohol	7.016	79	140188	42.880	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227438	39.402	ng		89
17) 2-Methylphenol	7.128	107	132231	42.200	ng		98
18) Hexachloroethane	7.387	117	70443	43.167	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	112520	42.780	ng		97
20) 3+4-Methylphenols	7.281	107	167168	42.789	ng		94
22) Acetophenone	7.281	105	231199	44.281	ng		98
24) Nitrobenzene	7.457	77	168037	43.010	ng		98
25) Isophorone	7.698	82	296695	42.847	ng		99
26) 2-Nitrophenol	7.775	139	96360	45.276	ng		97
27) 2,4-Dimethylphenol	7.810	122	156194	42.369	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	190053	43.172	ng		99
29) 2,4-Dichlorophenol	8.016	162	144384	43.195	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	159678	43.443	ng		99
31) Naphthalene	8.181	128	497573	42.933	ng		100
32) Benzoic acid	7.934	122	80490	42.837	ng		94
33) 4-Chloroaniline	8.228	127	89216	18.932	ng		99
34) Hexachlorobutadiene	8.292	225	100402	44.657	ng		99
35) Caprolactam	8.598	113	40160	45.530	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	141509	42.597	ng		99
37) 2-Methylnaphthalene	8.869	142	310269	43.183	ng		99
38) 1-Methylnaphthalene	8.969	142	322691	43.385	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	159221	44.446	ng		99
41) Hexachlorocyclopentadiene	9.022	237	180450	88.763	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	99005	42.412	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	104172	42.392	ng	99
46) 1,1'-Biphenyl	9.339	154	420020	43.795	ng	100
47) 2-Chloronaphthalene	9.363	162	310923	43.201	ng	99
48) 2-Nitroaniline	9.457	65	85504	42.376	ng	97
49) Acenaphthylene	9.781	152	505726	42.685	ng	99
50) Dimethylphthalate	9.639	163	348008	44.282	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75681	43.851	ng	95
52) Acenaphthene	9.951	154	340904m	47.160	ng	
53) 3-Nitroaniline	9.869	138	46217	24.322	ng	98
54) 2,4-Dinitrophenol	9.981	184	74666	86.401	ng	99
55) Dibenzofuran	10.122	168	443107	42.747	ng	100
56) 4-Nitrophenol	10.039	139	104029	79.968	ng	98
57) 2,4-Dinitrotoluene	10.104	165	100099	43.664	ng	96
58) Fluorene	10.469	166	346191	42.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83036	41.921	ng	96
60) Diethylphthalate	10.333	149	335339	43.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	166269	43.041	ng	100
62) 4-Nitroaniline	10.486	138	70129	40.353	ng	98
63) Azobenzene	10.616	77	288111	41.835	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	51866	45.791	ng	97
66) n-Nitrosodiphenylamine	10.575	169	293731	45.259	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98329	46.138	ng	97
68) Hexachlorobenzene	11.016	284	107812	45.527	ng	100
69) Atrazine	11.104	200	83731	49.961	ng	100
70) Pentachlorophenol	11.210	266	100735	85.366	ng	99
71) Phenanthrene	11.433	178	450164	44.378	ng	99
72) Anthracene	11.480	178	459505	44.169	ng	99
73) Carbazole	11.639	167	387683	43.183	ng	100
74) Di-n-butylphthalate	11.963	149	452070	48.336	ng	100
75) Fluoranthene	12.622	202	425299	44.178	ng	99
77) Benzidine	12.739	184	146725	33.647	ng	99
78) Pyrene	12.851	202	421726	38.764	ng	99
80) Butylbenzylphthalate	13.463	149	160343	50.809	ng	97
81) Benzo(a)anthracene	14.039	228	345864	44.173	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	59738	23.522	ng	99
83) Chrysene	14.074	228	324323	46.420	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	235045	51.767	ng	99
85) Di-n-octyl phthalate	14.633	149	435706	50.891	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	453646	42.024	ng	98
88) Benzo(b)fluoranthene	15.104	252	356572	43.480	ng	99
89) Benzo(k)fluoranthene	15.133	252	359936	46.913	ng	99
90) Benzo(a)pyrene	15.480	252	359385	45.362	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	376365	42.910	ng	98
92) Benzo(g,h,i)perylene	17.515	276	367107	41.973	ng	98

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

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