Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 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	81651	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	296393	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	150433	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	242210	20.000	ng		0.00
76) Chrysene-d12	14.057	240	173489	20.000	ng		0.00
86) Perylene-d12	15.545	264	196328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	556114	113.396	ng		0.01
7) Phenol-d6	6.510	99	642235	110.998	ng		0.00
23) Nitrobenzene-d5	7.439	82	401632	74.326	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	188759	121.933	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	865774	75.605	ng		0.00
79) Terphenyl-d14	12.998	244	787323	62.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	68772	35.060	ng		99
3) Pyridine	3.481	79	187879	38.206	ng		98
4) n-Nitrosodimethylamine	3.428	42	106183	41.756	ng		99
6) Aniline	6.540	93	226530	29.424	ng	#	90
8) 2-Chlorophenol	6.663	128	221594	41.887	ng		99
9) Benzaldehyde	6.428	77	131188	38.217	ng		99
10) Phenol	6.528	94	259021	40.274	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	198585	43.201	ng		99
12) 1,3-Dichlorobenzene	6.816	146	249638	42.194	ng		98
13) 1,4-Dichlorobenzene	6.892	146	249146	41.738	ng		99
14) 1,2-Dichlorobenzene	7.045	146	241318	42.622	ng		99
15) Benzyl Alcohol	7.022	79	173328	41.438	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	304508	41.232	ng		96
17) 2-Methylphenol	7.134	107	165646	41.318	ng		98
18) Hexachloroethane	7.386	117	89305	42.773	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	139808	41.546	ng		100
20) 3+4-Methylphenols	7.287	107	207652	41.543	ng		94
22) Acetophenone	7.287	105	290803	44.492	ng		99
24) Nitrobenzene	7.463	77	215096	43.980	ng		97
25) Isophorone	7.698	82	380021	43.841	ng		100
26) 2-Nitrophenol	7.775	139	120125	45.088	ng		99
27) 2,4-Dimethylphenol	7.816	122	197200	42.731	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	240634	43.665	ng		99
29) 2,4-Dichlorophenol	8.022	162	180538	43.145	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	201493	43.791	ng		99
31) Naphthalene	8.181	128	632908	43.625	ng		100
32) Benzoic acid	7.928	122	109212	46.431	ng		95
33) 4-Chloroaniline	8.233	127	137919	23.379	ng		98
34) Hexachlorobutadiene	8.298	225	125139	44.463	ng		100
35) Caprolactam	8.598	113	52489m	47.537	ng		
36) 4-Chloro-3-methylphenol	8.716	107	177044	42.573	ng		100
37) 2-Methylnaphthalene	8.875	142	388612	43.206	ng		100
38) 1-Methylnaphthalene	8.975	142	405799	43.583	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	197534	44.502	ng		99
41) Hexachlorocyclopentadiene	9.028	237	236501	93.890	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	125833	43.504	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131160	43.077	ng	99
46) 1,1'-Biphenyl	9.339	154	526601	44.314	ng	100
47) 2-Chloronaphthalene	9.369	162	391214	43.870	ng	99
48) 2-Nitroaniline	9.463	65	107279	42.910	ng	95
49) Acenaphthylene	9.780	152	641037	43.666	ng	100
50) Dimethylphthalate	9.639	163	432670	44.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	94530	44.205	ng	99
52) Acenaphthene	9.957	154	432857	48.327	ng	99
53) 3-Nitroaniline	9.875	138	58192	24.716	ng	94
54) 2,4-Dinitrophenol	9.986	184	111563	104.189	ng	92
55) Dibenzofuran	10.128	168	553767	43.115	ng	99
56) 4-Nitrophenol	10.039	139	148233	91.963	ng	99
57) 2,4-Dinitrotoluene	10.110	165	130569	45.967	ng	98
58) Fluorene	10.469	166	431494	43.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109923	44.788	ng	95
60) Diethylphthalate	10.339	149	434869	45.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	208164	43.489	ng	98
62) 4-Nitroaniline	10.486	138	95217	44.219	ng	99
63) Azobenzene	10.622	77	368801	43.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	70935	48.418	ng	99
66) n-Nitrosodiphenylamine	10.580	169	371386	44.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	125614	45.569	ng	97
68) Hexachlorobenzene	11.022	284	135788	44.331	ng	98
69) Atrazine	11.104	200	111873	51.609	ng	99
70) Pentachlorophenol	11.216	266	143315	93.897	ng	99
71) Phenanthrene	11.433	178	582659	44.408	ng	100
72) Anthracene	11.486	178	599633	44.562	ng	100
73) Carbazole	11.639	167	528549	45.517	ng	100
74) Di-n-butylphthalate	11.969	149	622098	51.426	ng	100
75) Fluoranthene	12.627	202	584298	46.924	ng	99
77) Benzidine	12.745	184	263635	40.446	ng	99
78) Pyrene	12.857	202	580194	35.678	ng	100
80) Butylbenzylphthalate	13.468	149	236584	50.154	ng	98
81) Benzo(a)anthracene	14.045	228	510276	43.600	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	73088	19.253	ng	99
83) Chrysene	14.080	228	476475	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	346643	51.075	ng	99
85) Di-n-octyl phthalate	14.645	149	600884	46.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	609525	40.760	ng	99
88) Benzo(b)fluoranthene	15.110	252	513076	45.164	ng	100
89) Benzo(k)fluoranthene	15.139	252	519326	48.862	ng	100
90) Benzo(a)pyrene	15.486	252	502904	45.823	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	495314	40.765	ng	99
92) Benzo(g,h,i)perylene	17.521	276	494097	40.780	ng	98

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

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