Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142885.D
Acq On : 27 Jun 2025 11:19
Operator : RC/JU
Sample : PB168625BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168625BS

Quant Time: Jun 27 12:14:46 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	79288	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	306414	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	167156	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	286462	20.000	ng		0.00
76) Chrysene-d12	14.057	240	164874	20.000	ng		0.00
86) Perylene-d12	15.545	264	166752	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	576794	121.118	ng		0.02
7) Phenol-d6	6.510	99	686344	122.157	ng		0.00
23) Nitrobenzene-d5	7.439	82	430100	76.992	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	227226	132.097	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	950860	74.728	ng		0.00
79) Terphenyl-d14	12.998	244	932784	78.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	64426	33.823	ng		100
3) Pyridine	3.493	79	178331	37.345	ng		99
4) n-Nitrosodimethylamine	3.446	42	99554	40.316	ng		100
6) Aniline	6.540	93	243829	32.615	ng	#	89
8) 2-Chlorophenol	6.663	128	220964	43.013	ng		99
9) Benzaldehyde	6.428	77	93685	28.105	ng		98
10) Phenol	6.528	94	258477	41.387	ng		85
11) bis(2-Chloroethyl)ether	6.610	93	189250	42.398	ng		98
12) 1,3-Dichlorobenzene	6.816	146	239808	41.740	ng		99
13) 1,4-Dichlorobenzene	6.892	146	241633	41.686	ng		99
14) 1,2-Dichlorobenzene	7.045	146	232603	42.307	ng		99
15) Benzyl Alcohol	7.022	79	178788	44.017	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	292050	40.723	ng		95
17) 2-Methylphenol	7.134	107	165974	42.634	ng		96
18) Hexachloroethane	7.387	117	85422	42.132	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	140888	43.115	ng		97
20) 3+4-Methylphenols	7.287	107	212248	43.728	ng		96
22) Acetophenone	7.287	105	286909	42.461	ng		97
24) Nitrobenzene	7.463	77	210767	41.685	ng		97
25) Isophorone	7.698	82	384510	42.908	ng		99
26) 2-Nitrophenol	7.775	139	121467	44.101	ng		99
27) 2,4-Dimethylphenol	7.816	122	203196	42.591	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	241404	42.372	ng		99
29) 2,4-Dichlorophenol	8.022	162	188927	43.674	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	200843	42.222	ng		99
31) Naphthalene	8.181	128	638576	42.576	ng		100
32) Benzoic acid	7.945	122	116917	48.081	ng		95
33) 4-Chloroaniline	8.234	127	168937	27.701	ng		98
34) Hexachlorobutadiene	8.298	225	121916	41.901	ng		99
35) Caprolactam	8.604	113	57912m	50.733	ng		
36) 4-Chloro-3-methylphenol	8.716	107	192336	44.737	ng		99
37) 2-Methylnaphthalene	8.875	142	399906	43.008	ng		99
38) 1-Methylnaphthalene	8.975	142	410444	42.641	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	203850	41.330	ng		99
41) Hexachlorocyclopentadiene	9.028	237	234698	83.852	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	137107	42.660	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	145459	42.994	ng	99
46) 1,1'-Biphenyl	9.339	154	551449	41.762	ng	100
47) 2-Chloronaphthalene	9.369	162	407787	41.153	ng	100
48) 2-Nitroaniline	9.463	65	122855	44.224	ng	98
49) Acenaphthylene	9.781	152	688079	42.182	ng	99
50) Dimethylphthalate	9.645	163	492303	45.499	ng	100
51) 2,6-Dinitrotoluene	9.704	165	106248	44.714	ng	100
52) Acenaphthene	9.957	154	466815m	46.904	ng	
53) 3-Nitroaniline	9.875	138	79354	30.332	ng	97
54) 2,4-Dinitrophenol	9.986	184	119559	100.486	ng	99
55) Dibenzofuran	10.128	168	606412	42.491	ng	99
56) 4-Nitrophenol	10.045	139	166993	93.237	ng	99
57) 2,4-Dinitrotoluene	10.110	165	147971	46.881	ng	95
58) Fluorene	10.469	166	480888	43.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120013	44.008	ng	98
60) Diethylphthalate	10.339	149	492152	46.390	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	230170	43.276	ng	98
62) 4-Nitroaniline	10.492	138	111024	46.401	ng	99
63) Azobenzene	10.622	77	410873	43.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	79271	45.750	ng	95
66) n-Nitrosodiphenylamine	10.580	169	421786	42.484	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	141682	43.458	ng	97
68) Hexachlorobenzene	11.022	284	154987	42.783	ng	99
69) Atrazine	11.110	200	129714	50.596	ng	100
70) Pentachlorophenol	11.216	266	164554	91.158	ng	99
71) Phenanthrene	11.433	178	670582	43.214	ng	100
72) Anthracene	11.486	178	685649	43.083	ng	99
73) Carbazole	11.639	167	616575	44.895	ng	100
74) Di-n-butylphthalate	11.969	149	713866	49.896	ng	100
75) Fluoranthene	12.627	202	663946	45.083	ng	99
77) Benzidine	12.745	184	246442	39.784	ng	99
78) Pyrene	12.857	202	664888	43.023	ng	99
80) Butylbenzylphthalate	13.469	149	226565	50.540	ng	97
81) Benzo(a)anthracene	14.045	228	484352	43.547	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	82353	22.827	ng	100
83) Chrysene	14.080	228	441455	44.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	291308	45.165	ng	99
85) Di-n-octyl phthalate	14.639	149	497681	40.921	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	517185	40.719	ng	98
88) Benzo(b)fluoranthene	15.110	252	440795	45.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	410271	45.447	ng	99
90) Benzo(a)pyrene	15.486	252	417438	44.782	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	417444	40.450	ng	99
92) Benzo(g,h,i)perylene	17.521	276	419208	40.736	ng	98

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

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