Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
Data File : BF142993.D
Acq On : 03 Jul 2025 12:54
Operator : RC/JU
Sample : PB168685BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168685BS

Quant Time: Jul 03 13:13:26 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	60212	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	225278	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	112222	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	170842	20.000	ng		0.00
76) Chrysene-d12	14.057	240	115022	20.000	ng		0.00
86) Perylene-d12	15.545	264	139690	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	438264	121.185	ng		0.01
7) Phenol-d6	6.510	99	504765	118.302	ng		0.00
23) Nitrobenzene-d5	7.440	82	316630	77.093	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	142278	123.201	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	694203	81.264	ng		-0.01
79) Terphenyl-d14	12.992	244	558902	67.138	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	50703	35.052	ng		100
3) Pyridine	3.481	79	136453	37.628	ng		97
4) n-Nitrosodimethylamine	3.428	42	76122	40.593	ng		98
6) Aniline	6.534	93	210799	37.130	ng	#	73
8) 2-Chlorophenol	6.663	128	168225	43.122	ng		97
9) Benzaldehyde	6.428	77	68862	27.203	ng		97
10) Phenol	6.522	94	194741	41.060	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	145652	42.968	ng		97
12) 1,3-Dichlorobenzene	6.816	146	188000	43.090	ng		99
13) 1,4-Dichlorobenzene	6.893	146	189327	43.010	ng		99
14) 1,2-Dichlorobenzene	7.040	146	180395	43.206	ng		98
15) Benzyl Alcohol	7.016	79	131770	42.719	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	219631	40.328	ng		87
17) 2-Methylphenol	7.128	107	124192	42.008	ng		99
18) Hexachloroethane	7.387	117	68458	44.463	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	108638	43.778	ng		97
20) 3+4-Methylphenols	7.281	107	156799	42.538	ng		92
22) Acetophenone	7.281	105	221314	44.550	ng		99
24) Nitrobenzene	7.457	77	160694	43.228	ng		98
25) Isophorone	7.698	82	287238	43.597	ng		99
26) 2-Nitrophenol	7.775	139	92992	45.923	ng		98
27) 2,4-Dimethylphenol	7.810	122	149633	42.660	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	182449	43.558	ng		99
29) 2,4-Dichlorophenol	8.016	162	136860	43.032	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	154441	44.161	ng		99
31) Naphthalene	8.181	128	480596	43.584	ng		99
32) Benzoic acid	7.928	122	68520	38.327	ng		93
33) 4-Chloroaniline	8.228	127	166388	37.109	ng		98
34) Hexachlorobutadiene	8.293	225	97541	45.597	ng		100
35) Caprolactam	8.598	113	36956m	44.035	ng		
36) 4-Chloro-3-methylphenol	8.716	107	131849	41.713	ng		99
37) 2-Methylnaphthalene	8.869	142	297674	43.543	ng		99
38) 1-Methylnaphthalene	8.969	142	305685	43.195	ng		99
40) 1,2,4,5-Tetrachloroben...	9.040	216	152565	46.074	ng		99
41) Hexachlorocyclopentadiene	9.022	237	163048	86.769	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	94014	43.571	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97062	42.733	ng	99
46) 1,1'-Biphenyl	9.334	154	401265	45.264	ng	100
47) 2-Chloronaphthalene	9.363	162	296561	44.579	ng	99
48) 2-Nitroaniline	9.457	65	79476	42.613	ng	98
49) Acenaphthylene	9.781	152	480339	43.861	ng	100
50) Dimethylphthalate	9.634	163	322777	44.434	ng	100
51) 2,6-Dinitrotoluene	9.704	165	70885	44.434	ng	95
52) Acenaphthene	9.951	154	318957m	47.736	ng	
53) 3-Nitroaniline	9.869	138	60548	34.472	ng	100
54) 2,4-Dinitrophenol	9.987	184	68353	85.571	ng	95
55) Dibenzofuran	10.122	168	420664	43.904	ng	100
56) 4-Nitrophenol	10.039	139	91155	75.808	ng	98
57) 2,4-Dinitrotoluene	10.110	165	93234	43.999	ng	95
58) Fluorene	10.469	166	325646	43.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	75827	41.416	ng	97
60) Diethylphthalate	10.334	149	315418	44.285	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	156989	43.965	ng	99
62) 4-Nitroaniline	10.486	138	67790	42.201	ng	99
63) Azobenzene	10.616	77	272430	42.796	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	46962	45.446	ng	99
66) n-Nitrosodiphenylamine	10.575	169	274421	46.347	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94013	48.352	ng	96
68) Hexachlorobenzene	11.016	284	101645	47.047	ng	98
69) Atrazine	11.104	200	78012	51.022	ng	99
70) Pentachlorophenol	11.216	266	90628	84.182	ng	99
71) Phenanthrene	11.433	178	417688	45.133	ng	100
72) Anthracene	11.486	178	432513	45.569	ng	100
73) Carbazole	11.639	167	368592	45.002	ng	100
74) Di-n-butylphthalate	11.963	149	435285	51.014	ng	99
75) Fluoranthene	12.622	202	396445	45.138	ng	99
77) Benzidine	12.745	184	278470	64.438	ng	99
78) Pyrene	12.851	202	396083	36.737	ng	100
80) Butylbenzylphthalate	13.463	149	160675	51.376	ng	97
81) Benzo(a)anthracene	14.045	228	353820	45.599	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	98475	39.127	ng	99
83) Chrysene	14.080	228	320474	46.285	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	247564	55.018	ng	100
85) Di-n-octyl phthalate	14.639	149	455670	53.705	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	441755	41.518	ng	98
88) Benzo(b)fluoranthene	15.110	252	365249	45.187	ng	100
89) Benzo(k)fluoranthene	15.139	252	367712	48.624	ng	100
90) Benzo(a)pyrene	15.486	252	362346	46.402	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	361060	41.764	ng	98
92) Benzo(g,h,i)perylene	17.527	276	350650	40.675	ng	98

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

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