Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143029.D
Acq On : 08 Jul 2025 12:55
Operator : RC/JU
Sample : PB168722BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Quant Time: Jul 08 13:17:00 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	56971	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	220160	20.000	ng		-0.01
39) Acenaphthene-d10	9.922	164	116094	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	189569	20.000	ng		0.00
76) Chrysene-d12	14.057	240	94842	20.000	ng		0.00
86) Perylene-d12	15.557	264	112590	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	429158	125.417	ng		0.01
7) Phenol-d6	6.510	99	510323	126.408	ng		0.00
23) Nitrobenzene-d5	7.439	82	314553	78.368	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	155752	130.371	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	698464	79.035	ng		-0.01
79) Terphenyl-d14	12.992	244	586078	85.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	46177	33.739	ng		99
3) Pyridine	3.475	79	127271	37.093	ng		98
4) n-Nitrosodimethylamine	3.428	42	73122	41.212	ng		99
6) Aniline	6.540	93	194405	36.190	ng	#	87
8) 2-Chlorophenol	6.663	128	163120	44.192	ng		98
9) Benzaldehyde	6.428	77	106551	44.487	ng		99
10) Phenol	6.528	94	195533	43.573	ng		79
11) bis(2-Chloroethyl)ether	6.610	93	140569	43.828	ng		96
12) 1,3-Dichlorobenzene	6.816	146	176272	42.700	ng		99
13) 1,4-Dichlorobenzene	6.892	146	181304	43.531	ng		99
14) 1,2-Dichlorobenzene	7.045	146	172505	43.667	ng		100
15) Benzyl Alcohol	7.016	79	133425	45.716	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	210452	40.841	ng		74
17) 2-Methylphenol	7.134	107	126445	45.203	ng		97
18) Hexachloroethane	7.387	117	63093	43.309	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	106051	45.167	ng		97
20) 3+4-Methylphenols	7.287	107	160614	46.052	ng		95
22) Acetophenone	7.287	105	218734	45.054	ng		99
24) Nitrobenzene	7.457	77	158000	43.492	ng		99
25) Isophorone	7.698	82	283931	44.097	ng		99
26) 2-Nitrophenol	7.775	139	90615	45.789	ng		99
27) 2,4-Dimethylphenol	7.816	122	150303m	43.847	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	182094	44.484	ng		99
29) 2,4-Dichlorophenol	8.022	162	139324	44.825	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	146639	42.905	ng		99
31) Naphthalene	8.181	128	476035	44.174	ng		100
32) Benzoic acid	7.939	122	75170	43.024	ng		96
33) 4-Chloroaniline	8.234	127	119222	27.208	ng		98
34) Hexachlorobutadiene	8.292	225	91247	43.646	ng		99
35) Caprolactam	8.604	113	39429m	48.074	ng		
36) 4-Chloro-3-methylphenol	8.722	107	142106	46.004	ng		99
37) 2-Methylnaphthalene	8.875	142	296736	44.415	ng		99
38) 1-Methylnaphthalene	8.975	142	307365	44.442	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151731	44.294	ng		100
41) Hexachlorocyclopentadiene	9.028	237	142216	73.159	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	96587	43.270	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	101191	43.065	ng	99
46) 1,1'-Biphenyl	9.339	154	407573	44.443	ng	100
47) 2-Chloronaphthalene	9.363	162	302216	43.914	ng	99
48) 2-Nitroaniline	9.463	65	86594	44.881	ng	96
49) Acenaphthylene	9.781	152	504125	44.498	ng	100
50) Dimethylphthalate	9.639	163	342391	45.562	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76571	46.398	ng	100
52) Acenaphthene	9.951	154	336316m	48.655	ng	
53) 3-Nitroaniline	9.875	138	55871	30.749	ng	99
54) 2,4-Dinitrophenol	9.992	184	76374	92.423	ng	96
55) Dibenzofuran	10.128	168	437940	44.183	ng	99
56) 4-Nitrophenol	10.045	139	93448	75.123	ng	99
57) 2,4-Dinitrotoluene	10.116	165	102912	46.946	ng	93
58) Fluorene	10.469	166	349779	45.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81341	42.946	ng	96
60) Diethylphthalate	10.339	149	342130	46.434	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167657	45.387	ng	98
62) 4-Nitroaniline	10.492	138	75285	45.304	ng	97
63) Azobenzene	10.622	77	295464	44.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	52741	45.996	ng	97
66) n-Nitrosodiphenylamine	10.580	169	300057	45.671	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	99469	46.104	ng	99
68) Hexachlorobenzene	11.022	284	111086	46.338	ng	99
69) Atrazine	11.104	200	85988	50.683	ng	99
70) Pentachlorophenol	11.222	266	92093	77.092	ng	98
71) Phenanthrene	11.433	178	466709	45.449	ng	99
72) Anthracene	11.486	178	478060	45.392	ng	100
73) Carbazole	11.645	167	413709	45.520	ng	99
74) Di-n-butylphthalate	11.963	149	464540	49.065	ng	100
75) Fluoranthene	12.627	202	438508	44.995	ng	99
77) Benzidine	12.745	184	172695	48.465	ng	99
78) Pyrene	12.857	202	422014	47.471	ng	99
80) Butylbenzylphthalate	13.469	149	128923	49.995	ng	96
81) Benzo(a)anthracene	14.045	228	300705	46.999	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	56626	27.286	ng	99
83) Chrysene	14.086	228	254024	44.494	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	168694	45.467	ng	100
85) Di-n-octyl phthalate	14.639	149	314016	44.884	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	386464	45.064	ng	98
88) Benzo(b)fluoranthene	15.115	252	293611	45.067	ng	100
89) Benzo(k)fluoranthene	15.145	252	282248	46.306	ng	99
90) Benzo(a)pyrene	15.492	252	293451	46.625	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	313388	44.975	ng	98
92) Benzo(g,h,i)perylene	17.539	276	315292	45.377	ng	99

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

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