Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
Data File : BF142991.D
Acq On : 03 Jul 2025 11:55
Operator : RC/JU
Sample : PB168674BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168674BS

Quant Time: Jul 03 12:57:14 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	63885	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	241904	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	125461	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	198063	20.000	ng		0.00
76) Chrysene-d12	14.057	240	112102	20.000	ng		0.00
86) Perylene-d12	15.545	264	135188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	450791	117.482	ng		0.01
7) Phenol-d6	6.510	99	537410	118.711	ng		0.00
23) Nitrobenzene-d5	7.439	82	335327	76.034	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	160859	124.593	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	744584	77.964	ng		-0.01
79) Terphenyl-d14	12.992	244	606798	74.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	49693	32.379	ng		100
3) Pyridine	3.475	79	139949	36.373	ng		99
4) n-Nitrosodimethylamine	3.428	42	79657	40.036	ng		98
6) Aniline	6.534	93	199811	33.171	ng	#	65
8) 2-Chlorophenol	6.663	128	179095	43.269	ng		97
9) Benzaldehyde	6.428	77	73871	27.504	ng		99
10) Phenol	6.522	94	207828	41.300	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	155659	43.280	ng		96
12) 1,3-Dichlorobenzene	6.816	146	195413	42.214	ng		100
13) 1,4-Dichlorobenzene	6.892	146	198305	42.460	ng		99
14) 1,2-Dichlorobenzene	7.045	146	188839	42.628	ng		99
15) Benzyl Alcohol	7.016	79	143929	43.978	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	232875	40.301	ng		83
17) 2-Methylphenol	7.134	107	134408	42.850	ng		96
18) Hexachloroethane	7.387	117	71032	43.482	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	116422	44.217	ng		98
20) 3+4-Methylphenols	7.287	107	172556	44.121	ng		95
22) Acetophenone	7.287	105	237149	44.456	ng		99
24) Nitrobenzene	7.457	77	174550	43.729	ng		100
25) Isophorone	7.698	82	309400	43.733	ng		99
26) 2-Nitrophenol	7.775	139	98136	45.132	ng		100
27) 2,4-Dimethylphenol	7.810	122	164690	43.725	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	197590	43.931	ng		100
29) 2,4-Dichlorophenol	8.022	162	151503	44.362	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	165372	44.037	ng		99
31) Naphthalene	8.181	128	517343	43.692	ng		99
32) Benzoic acid	7.934	122	76830	40.021	ng		96
33) 4-Chloroaniline	8.228	127	128266	26.641	ng		99
34) Hexachlorobutadiene	8.292	225	102492	44.619	ng		99
35) Caprolactam	8.604	113	41498m	46.048	ng		
36) 4-Chloro-3-methylphenol	8.716	107	151048	44.503	ng		99
37) 2-Methylnaphthalene	8.875	142	324645	44.224	ng		100
38) 1-Methylnaphthalene	8.975	142	334464	44.013	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169134	45.688	ng		98
41) Hexachlorocyclopentadiene	9.022	237	178983	85.198	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	104953	43.508	ng		98

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44) 2,4,5-Trichlorophenol	9.198	196	113751	44.795	ng	99
46) 1,1'-Biphenyl	9.339	154	441338	44.531	ng	99
47) 2-Chloronaphthalene	9.363	162	327905	44.089	ng	100
48) 2-Nitroaniline	9.463	65	92365	44.298	ng	97
49) Acenaphthylene	9.781	152	539706	44.081	ng	100
50) Dimethylphthalate	9.639	163	371267	45.716	ng	100
51) 2,6-Dinitrotoluene	9.704	165	81216	45.538	ng	96
52) Acenaphthene	9.951	154	361360m	48.375	ng	
53) 3-Nitroaniline	9.875	138	59605	30.355	ng	96
54) 2,4-Dinitrophenol	9.986	184	83402	93.393	ng	95
55) Dibenzofuran	10.122	168	468717	43.757	ng	99
56) 4-Nitrophenol	10.045	139	107577	80.024	ng	98
57) 2,4-Dinitrotoluene	10.110	165	109182	46.088	ng	97
58) Fluorene	10.469	166	374712	44.791	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	88572	43.272	ng	97
60) Diethylphthalate	10.339	149	367284	46.126	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181362	45.431	ng	99
62) 4-Nitroaniline	10.486	138	76004	42.321	ng	99
63) Azobenzene	10.616	77	311484	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	55318	46.175	ng	96
66) n-Nitrosodiphenylamine	10.580	169	320102	46.632	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	108026	47.923	ng	98
68) Hexachlorobenzene	11.016	284	117783	47.024	ng	98
69) Atrazine	11.104	200	91240	51.472	ng	100
70) Pentachlorophenol	11.216	266	106145	85.045	ng	98
71) Phenanthrene	11.433	178	492551	45.908	ng	100
72) Anthracene	11.486	178	500479	45.483	ng	100
73) Carbazole	11.639	167	423084	44.555	ng	99
74) Di-n-butylphthalate	11.963	149	497923	50.335	ng	100
75) Fluoranthene	12.621	202	449628	44.157	ng	100
77) Benzidine	12.745	184	144434	34.293	ng	100
78) Pyrene	12.851	202	439028	41.781	ng	99
80) Butylbenzylphthalate	13.463	149	161506	52.987	ng	99
81) Benzo(a)anthracene	14.045	228	350937	46.405	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	72559	29.580	ng	98
83) Chrysene	14.080	228	312411	46.296	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	243557	55.538	ng	100
85) Di-n-octyl phthalate	14.639	149	450741	54.508	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	440784	42.806	ng	98
88) Benzo(b)fluoranthene	15.110	252	354267	45.288	ng	100
89) Benzo(k)fluoranthene	15.139	252	354547	48.445	ng	99
90) Benzo(a)pyrene	15.486	252	352792	46.683	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	358859	42.892	ng	98
92) Benzo(g,h,i)perylene	17.527	276	347863	41.696	ng	98

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

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