Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142943.D
Acq On : 01 Jul 2025 11:48
Operator : RC/JU
Sample : PB168640BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168640BS

Quant Time: Jul 01 12:13:14 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	64389	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240303	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	121631	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	190803	20.000	ng	0.00
76) Chrysene-d12	14.051	240	120825	20.000	ng	0.00
86) Perylene-d12	15.539	264	146230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509044	131.625	ng	0.01
7) Phenol-d6	6.510	99	587230	128.701	ng	0.00
23) Nitrobenzene-d5	7.440	82	367728	83.936	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	163898	130.944	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	784435	84.723	ng	-0.01
79) Terphenyl-d14	12.992	244	641083	73.311	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	56991	36.843	ng	100
3) Pyridine	3.469	79	157941	40.728	ng	98
4) n-Nitrosodimethylamine	3.422	42	87864	43.815	ng	99
6) Aniline	6.540	93	202190	33.303	ng	93
8) 2-Chlorophenol	6.663	128	192602	46.168	ng	97
9) Benzaldehyde	6.428	77	107521	39.720	ng	98
10) Phenol	6.522	94	221109	43.595	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	166897	46.042	ng	98
12) 1,3-Dichlorobenzene	6.816	146	211102	45.246	ng	100
13) 1,4-Dichlorobenzene	6.893	146	213971	45.455	ng	99
14) 1,2-Dichlorobenzene	7.045	146	203621	45.606	ng	99
15) Benzyl Alcohol	7.016	79	150522	45.633	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	246586	42.340	ng	87
17) 2-Methylphenol	7.128	107	142388	45.039	ng	99
18) Hexachloroethane	7.387	117	75429	45.812	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	121343	45.726	ng	98
20) 3+4-Methylphenols	7.281	107	178405	45.260	ng	94
22) Acetophenone	7.287	105	249102	47.008	ng	99
24) Nitrobenzene	7.457	77	183527	46.284	ng	98
25) Isophorone	7.698	82	319435	45.453	ng	100
26) 2-Nitrophenol	7.775	139	103628	47.975	ng	99
27) 2,4-Dimethylphenol	7.810	122	167930	44.882	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	203471	45.540	ng	100
29) 2,4-Dichlorophenol	8.016	162	155312	45.780	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	174783	46.853	ng	100
31) Naphthalene	8.181	128	540743	45.972	ng	100
32) Benzoic acid	7.928	122	79956	41.927	ng	95
33) 4-Chloroaniline	8.228	127	99334	20.769	ng	99
34) Hexachlorobutadiene	8.292	225	108131	47.387	ng	99
35) Caprolactam	8.598	113	42167	47.103	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	151002	44.786	ng	99
37) 2-Methylnaphthalene	8.875	142	335199	45.966	ng	100
38) 1-Methylnaphthalene	8.975	142	349136	46.250	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	170843	47.603	ng	99
41) Hexachlorocyclopentadiene	9.028	237	195162	95.825	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	106345	45.473	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	111111	45.134	ng	98
46) 1,1'-Biphenyl	9.339	154	449900	46.825	ng	99
47) 2-Chloronaphthalene	9.363	162	332445	46.107	ng	99
48) 2-Nitroaniline	9.457	65	92495	45.757	ng	99
49) Acenaphthylene	9.781	152	548502	46.211	ng	99
50) Dimethylphthalate	9.639	163	369857	46.976	ng	100
51) 2,6-Dinitrotoluene	9.704	165	82849	47.916	ng	93
52) Acenaphthene	9.951	154	353683m	48.838	ng	
53) 3-Nitroaniline	9.869	138	48883	25.678	ng	99
54) 2,4-Dinitrophenol	9.981	184	56981	65.816	ng	99
55) Dibenzofuran	10.122	168	475864	45.823	ng	100
56) 4-Nitrophenol	10.039	139	110735	84.967	ng	97
57) 2,4-Dinitrotoluene	10.110	165	108156	47.092	ng	96
58) Fluorene	10.469	166	371637	45.823	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89820	45.264	ng	95
60) Diethylphthalate	10.333	149	356627	46.198	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	175429	45.329	ng	99
62) 4-Nitroaniline	10.486	138	78775	45.246	ng	97
63) Azobenzene	10.616	77	311803	45.192	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	48055	41.638	ng	97
66) n-Nitrosodiphenylamine	10.575	169	313612	47.425	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104704	48.217	ng	96
68) Hexachlorobenzene	11.016	284	115836	48.007	ng	99
69) Atrazine	11.104	200	90407	52.943	ng	99
70) Pentachlorophenol	11.210	266	108454	90.201	ng	99
71) Phenanthrene	11.433	178	483823	46.810	ng	100
72) Anthracene	11.480	178	495206	46.716	ng	99
73) Carbazole	11.639	167	428241	46.814	ng	100
74) Di-n-butylphthalate	11.963	149	491012	51.525	ng	99
75) Fluoranthene	12.622	202	458096	46.701	ng	99
77) Benzidine	12.739	184	186436	41.069	ng	99
78) Pyrene	12.851	202	452768	39.978	ng	99
80) Butylbenzylphthalate	13.463	149	172246	52.431	ng	96
81) Benzo(a)anthracene	14.039	228	376068	46.138	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	57062	21.583	ng	99
83) Chrysene	14.074	228	348659	47.937	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	258596	54.710	ng	99
85) Di-n-octyl phthalate	14.633	149	471833	52.939	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	487839	43.799	ng	98
88) Benzo(b)fluoranthene	15.104	252	392127	46.342	ng	100
89) Benzo(k)fluoranthene	15.133	252	393673	49.729	ng	100
90) Benzo(a)pyrene	15.480	252	394177	48.221	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	404798	44.729	ng	98
92) Benzo(g,h,i)perylene	17.515	276	396879	43.979	ng	99

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

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