Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143857.D
Acq On : 02 Oct 2025 16:09
Operator : RC/JU
Sample : PB169956BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169956BS

Quant Time: Oct 02 16:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	109719	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	402920	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	195705	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	294854	20.000	ng		0.00
76) Chrysene-d12	14.057	240	323376	20.000	ng		0.00
86) Perylene-d12	15.533	264	496443	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	801625	118.703	ng		0.00
7) Phenol-d6	6.510	99	915701	117.354	ng		0.00
23) Nitrobenzene-d5	7.445	82	582625	88.512	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	299576	103.383	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1106220	88.207	ng		0.00
79) Terphenyl-d14	12.998	244	1440393	90.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	132846	41.099	ng		95
3) Pyridine	3.481	79	359652	41.220	ng		93
4) n-Nitrosodimethylamine	3.422	42	197313	45.100	ng		90
6) Aniline	6.545	93	337453	29.797	ng		100
8) 2-Chlorophenol	6.669	128	316227	45.741	ng		99
9) Benzaldehyde	6.434	77	190960	27.946	ng		98
10) Phenol	6.522	94	402286	44.355	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	319824	44.985	ng		98
12) 1,3-Dichlorobenzene	6.828	146	371801	46.319	ng		98
13) 1,4-Dichlorobenzene	6.904	146	380413	47.488	ng		99
14) 1,2-Dichlorobenzene	7.057	146	359469	47.380	ng		99
15) Benzyl Alcohol	7.022	79	271871	48.221	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	685292	40.650	ng		96
17) 2-Methylphenol	7.134	107	245812	45.926	ng		99
18) Hexachloroethane	7.398	117	128551	45.631	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	223742	44.591	ng		93
20) 3+4-Methylphenols	7.281	107	289661	44.439	ng		93
22) Acetophenone	7.292	105	451447	51.013	ng		95
24) Nitrobenzene	7.463	77	340187	46.626	ng		97
25) Isophorone	7.704	82	592302	46.176	ng		99
26) 2-Nitrophenol	7.781	139	157589	52.350	ng		94
27) 2,4-Dimethylphenol	7.816	122	277701	48.437	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	371410	44.568	ng		99
29) 2,4-Dichlorophenol	8.022	162	256597	45.486	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	290845	49.680	ng		99
31) Naphthalene	8.192	128	875157	45.372	ng		100
32) Benzoic acid	7.910	122	162818	58.861	ng		97
33) 4-Chloroaniline	8.234	127	118971	17.552	ng		98
34) Hexachlorobutadiene	8.304	225	208827	47.849	ng		99
35) Caprolactam	8.592	113	71570	49.636	ng	#	89
36) 4-Chloro-3-methylphenol	8.710	107	240567	45.469	ng		99
37) 2-Methylnaphthalene	8.881	142	516653	42.007	ng		100
38) 1-Methylnaphthalene	8.981	142	527763	44.831	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	307921	52.137	ng		99
41) Hexachlorocyclopentadiene	9.034	237	441595	117.977	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	180169	48.719	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186391	48.185	ng		99
46) 1,1'-Biphenyl	9.345	154	721349	50.919	ng		99
47) 2-Chloronaphthalene	9.369	162	521322	45.717	ng		99
48) 2-Nitroaniline	9.463	65	184042	53.399	ng		98
49) Acenaphthylene	9.786	152	826787	52.667	ng		100
50) Dimethylphthalate	9.639	163	564015	47.284	ng		99
51) 2,6-Dinitrotoluene	9.704	165	118422	60.425	ng		95
52) Acenaphthene	9.957	154	505635	48.945	ng		99
53) 3-Nitroaniline	9.869	138	67052	28.226	ng		99
54) 2,4-Dinitrophenol	9.980	184	84676	92.100	ng	#	19
55) Dibenzofuran	10.128	168	679276	46.499	ng		100
56) 4-Nitrophenol	10.028	139	172233	89.973	ng		93
57) 2,4-Dinitrotoluene	10.104	165	153898	52.607	ng		97
58) Fluorene	10.475	166	506026	46.595	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	181939	54.904	ng		97
60) Diethylphthalate	10.345	149	514847	46.109	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	259018	46.809	ng		99
62) 4-Nitroaniline	10.486	138	114089	51.078	ng		98
63) Azobenzene	10.628	77	536162	45.562	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	63784	56.262	ng		84
66) n-Nitrosodiphenylamine	10.580	169	474410	48.924	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	252511	50.253	ng		98
68) Hexachlorobenzene	11.022	284	343748	49.641	ng		99
69) Atrazine	11.110	200	142165	50.628	ng		97
70) Pentachlorophenol	11.216	266	351070	101.850	ng		99
71) Phenanthrene	11.439	178	722521	47.730	ng		100
72) Anthracene	11.486	178	740051	48.738	ng		99
73) Carbazole	11.639	167	642061	48.362	ng		99
74) Di-n-butylphthalate	11.974	149	722891	47.345	ng		100
75) Fluoranthene	12.627	202	741416	48.697	ng		99
77) Benzidine	12.751	184	211796	26.878	ng		98
78) Pyrene	12.857	202	759342	47.762	ng		100
80) Butylbenzylphthalate	13.474	149	285751	51.951	ng		96
81) Benzo(a)anthracene	14.045	228	831979	47.891	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	202170	26.863	ng		100
83) Chrysene	14.080	228	793420	50.473	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	378375	46.931	ng		98
85) Di-n-octyl phthalate	14.651	149	679250	46.445	ng		95
87) Indeno(1,2,3-cd)pyrene	17.033	276	1883767	50.011	ng		99
88) Benzo(b)fluoranthene	15.104	252	1256120	49.686	ng		100
89) Benzo(k)fluoranthene	15.133	252	1197398	47.143	ng		100
90) Benzo(a)pyrene	15.474	252	1212912	51.040	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	1525124	49.504	ng		99
92) Benzo(g,h,i)perylene	17.492	276	1562075	52.598	ng		99

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

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