Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026121.D
Acq On : 12 Nov 2025 20:43
Operator : RC/JU
Sample : Q3597-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 13 01:13:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	308967	20.000	ng		-0.01
21) Naphthalene-d8	10.437	136	1226650	20.000	ng		-0.02
39) Acenaphthene-d10	14.301	164	764395	20.000	ng		-0.02
64) Phenanthrene-d10	17.113	188	1531809	20.000	ng		-0.01
76) Chrysene-d12	21.583	240	1566819	20.000	ng		0.02
86) Perylene-d12	24.901	264	1777604	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1608833	85.923	ng		0.00
7) Phenol-d6	6.849	99	2002120	84.009	ng		0.00
23) Nitrobenzene-d5	8.807	82	1150422	58.466	ng		-0.02
42) 2,4,6-Tribromophenol	15.825	330	801430	96.980	ng		0.00
45) 2-Fluorobiphenyl	12.913	172	2813600	52.891	ng		-0.02
79) Terphenyl-d14	19.866	244	4359316	56.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	322370	40.840	ng		96
3) Pyridine	3.619	79	859432	38.300	ng		94
4) n-Nitrosodimethylamine	3.525	42	381933	42.468	ng		88
6) Aniline	7.007	93	638309	20.068	ng		100
8) 2-Chlorophenol	7.243	128	1040545	50.185	ng		97
9) Benzaldehyde	6.819	77	497006	40.117	ng		97
10) Phenol	6.878	94	1250239	47.254	ng		100
11) bis(2-Chloroethyl)ether	7.102	93	915662	43.853	ng		98
12) 1,3-Dichlorobenzene	7.566	146	1114998	46.826	ng		99
13) 1,4-Dichlorobenzene	7.707	146	1133155	47.067	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1082776	47.132	ng		100
15) Benzyl Alcohol	7.907	79	820295	47.745	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	1248684	39.569	ng		97
17) 2-Methylphenol	8.107	107	828424	47.816	ng		99
18) Hexachloroethane	8.743	117	393231	47.732	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	658453	44.509	ng		95
20) 3+4-Methylphenols	8.431	107	1122874	46.588	ng		100
22) Acetophenone	8.478	105	1417190	45.682	ng		97
24) Nitrobenzene	8.854	77	996125	47.947	ng		98
25) Isophorone	9.378	82	1862809	44.230	ng		99
26) 2-Nitrophenol	9.560	139	519442	66.815	ng		94
27) 2,4-Dimethylphenol	9.625	122	925943	52.281	ng		98
28) bis(2-Chloroethoxy)met...	9.854	93	1197413	45.113	ng		99
29) 2,4-Dichlorophenol	10.090	162	955277	51.083	ng		99
30) 1,2,4-Trichlorobenzene	10.301	180	998731	49.137	ng		97
31) Naphthalene	10.490	128	3003976	44.908	ng		100
32) Benzoic acid	9.760	122	717086	60.941	ng		94
33) 4-Chloroaniline	10.590	127	320395	12.465	ng		99
34) Hexachlorobutadiene	10.784	225	611964	47.378	ng		98
35) Caprolactam	11.366	113	313452	47.732	ng	#	85
36) 4-Chloro-3-methylphenol	11.719	107	971685	49.567	ng		99
37) 2-Methylnaphthalene	12.101	142	1928393	41.189	ng		99
38) 1-Methylnaphthalene	12.325	142	1964308	43.187	ng		99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1103495	46.461	ng		99
41) Hexachlorocyclopentadiene	12.466	237	1269354	146.072	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	768372	54.733	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	852837	53.239	ng	99
46) 1,1'-Biphenyl	13.131	154	2685738	45.886	ng	99
47) 2-Chloronaphthalene	13.172	162	2083837	45.250	ng	98
48) 2-Nitroaniline	13.366	65	591102	49.763	ng	97
49) Acenaphthylene	14.019	152	3497414	52.107	ng	100
50) Dimethylphthalate	13.766	163	2622293	47.163	ng	100
51) 2,6-Dinitrotoluene	13.872	165	569333	54.416	ng	94
52) Acenaphthene	14.372	154	1986111	43.103	ng	100
53) 3-Nitroaniline	14.201	138	230909	20.059	ng	99
54) 2,4-Dinitrophenol	14.413	184	645767	112.200	ng	92
55) Dibenzofuran	14.707	168	3122133	44.847	ng	100
56) 4-Nitrophenol	14.525	139	1131378	102.045	ng	96
57) 2,4-Dinitrotoluene	14.666	165	820931	53.453	ng	90
58) Fluorene	15.372	166	2478265	45.438	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	741649	58.885	ng	98
60) Diethylphthalate	15.160	149	2626632	46.990	ng	99
61) 4-Chlorophenyl-phenyle...	15.372	204	1227113	45.053	ng	99
62) 4-Nitroaniline	15.383	138	593304	49.936	ng	95
63) Azobenzene	15.672	77	2475718	48.870	ng	96
65) 4,6-Dinitro-2-methylph...	15.448	198	436963	63.902	ng	92
66) n-Nitrosodiphenylamine	15.589	169	2232981	46.623	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	809298	47.629	ng	98
68) Hexachlorobenzene	16.401	284	930849	48.123	ng	98
69) Atrazine	16.578	200	858878	53.159	ng	99
70) Pentachlorophenol	16.754	266	1262922	106.890	ng	99
71) Phenanthrene	17.160	178	4043799	45.355	ng	100
72) Anthracene	17.260	178	4084924	46.220	ng	99
73) Carbazole	17.530	167	3874557	46.313	ng	100
74) Di-n-butylphthalate	18.148	149	4635662	49.520	ng	100
75) Fluoranthene	19.260	202	4729236	45.471	ng	98
77) Benzidine	19.460	184	2236749	56.242	ng	99
78) Pyrene	19.636	202	4905230	46.288	ng	99
80) Butylbenzylphthalate	20.607	149	2094658	52.593	ng	98
81) Benzo(a)anthracene	21.566	228	5036275	46.776	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	1001592	28.873	ng	99
83) Chrysene	21.630	228	4616253	45.262	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3136712	49.584	ng	99
85) Di-n-octyl phthalate	22.801	149	5322507	57.065	ng	96
87) Indeno(1,2,3-cd)pyrene	28.683	276	6329299m	48.229	ng	
88) Benzo(b)fluoranthene	23.848	252	5086463	46.093	ng	100
89) Benzo(k)fluoranthene	23.924	252	5220530	46.327	ng	100
90) Benzo(a)pyrene	24.742	252	4977881	49.101	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	5225465	48.929	ng	99
92) Benzo(g,h,i)perylene	29.847	276	5127794	49.896	ng	99

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

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