Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026314.D
Acq On : 12 Dec 2025 17:44
Operator : RC/JU
Sample : Q3839-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AN1MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 15 02:17:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 15 01:38:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	227866	20.000	ng	-0.02
21) Naphthalene-d8	10.425	136	953963	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	662338	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1408081	20.000	ng	-0.04
76) Chrysene-d12	21.524	240	1661092	20.000	ng	-0.05
86) Perylene-d12	24.824	264	1840622	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1410420	99.511	ng	-0.01
7) Phenol-d6	6.837	99	1787601	99.917	ng	-0.02
23) Nitrobenzene-d5	8.790	82	1025753	61.204	ng	-0.02
42) 2,4,6-Tribromophenol	15.795	330	957837	111.202	ng	-0.04
45) 2-Fluorobiphenyl	12.889	172	2279494	50.037	ng	-0.03
79) Terphenyl-d14	19.819	244	3562382	43.834	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	184089	31.940	ng	97
3) Pyridine	3.596	79	535857	32.373	ng	100
4) n-Nitrosodimethylamine	3.508	42	242021	39.208	ng	94
6) Aniline	6.984	93	413102	17.596	ng	98
8) 2-Chlorophenol	7.219	128	716057	44.460	ng	99
9) Benzaldehyde	6.796	77	407168	42.216	ng	98
10) Phenol	6.860	94	844898	43.903	ng	96
11) bis(2-Chloroethyl)ether	7.078	93	585907	38.831	ng	98
12) 1,3-Dichlorobenzene	7.537	146	713308	40.929	ng	100
13) 1,4-Dichlorobenzene	7.684	146	720696	41.036	ng	99
14) 1,2-Dichlorobenzene	8.002	146	708135	42.005	ng	99
15) Benzyl Alcohol	7.884	79	586049	45.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.160	45	799422	37.961	ng	98
17) 2-Methylphenol	8.096	107	591543	45.289	ng	99
18) Hexachloroethane	8.719	117	255466	40.045	ng	95
19) n-Nitroso-di-n-propyla...	8.443	70	461130	41.813	ng	99
20) 3+4-Methylphenols	8.419	107	810980	44.964	ng	98
22) Acetophenone	8.454	105	969385	40.061	ng	100
24) Nitrobenzene	8.831	77	679629	40.118	ng	98
25) Isophorone	9.354	82	1384632	42.111	ng	99
26) 2-Nitrophenol	9.531	139	386528	45.128	ng	97
27) 2,4-Dimethylphenol	9.601	122	696239	45.926	ng	99
28) bis(2-Chloroethoxy)met...	9.831	93	844507	40.868	ng	99
29) 2,4-Dichlorophenol	10.072	162	726768	47.041	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	703191	44.278	ng	99
31) Naphthalene	10.466	128	2080582	40.342	ng	99
32) Benzoic acid	9.766	122	571309	47.044	ng	98
33) 4-Chloroaniline	10.572	127	272531	12.614	ng	99
34) Hexachlorobutadiene	10.754	225	444413	42.858	ng	99
35) Caprolactam	11.360	113	254131m	46.581	ng	
36) 4-Chloro-3-methylphenol	11.713	107	782927	48.163	ng	98
37) 2-Methylnaphthalene	12.084	142	1454279	40.010	ng	99
38) 1-Methylnaphthalene	12.295	142	1495728	42.120	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	855907	42.332	ng	100
41) Hexachlorocyclopentadiene	12.442	237	708264	56.158	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	627916	45.696	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.784	196	705194	46.079	ng	99
46) 1,1'-Biphenyl	13.113	154	2082446	41.638	ng	99
47) 2-Chloronaphthalene	13.148	162	1611941	40.909	ng	99
48) 2-Nitroaniline	13.348	65	481401	44.606	ng	99
49) Acenaphthylene	14.001	152	2803306	43.353	ng	99
50) Dimethylphthalate	13.736	163	2168787	43.945	ng	99
51) 2,6-Dinitrotoluene	13.854	165	483260	49.550	ng	99
52) Acenaphthene	14.348	154	1558974	41.232	ng	100
53) 3-Nitroaniline	14.184	138	198083	17.375	ng	97
54) 2,4-Dinitrophenol	14.395	184	508620	97.816	ng	97
55) Dibenzofuran	14.689	168	2533550	43.088	ng	99
56) 4-Nitrophenol	14.519	139	883512	86.790	ng	95
57) 2,4-Dinitrotoluene	14.660	165	686702	47.331	ng	95
58) Fluorene	15.360	166	2032953	43.704	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	644179	49.730	ng	99
60) Diethylphthalate	15.131	149	2224311	44.936	ng	100
61) 4-Chlorophenyl-phenyle...	15.342	204	1040316	44.854	ng	99
62) 4-Nitroaniline	15.366	138	460522	38.921	ng	94
63) Azobenzene	15.648	77	2023589	48.618	ng	98
65) 4,6-Dinitro-2-methylph...	15.442	198	370803	44.586	ng	99
66) n-Nitrosodiphenylamine	15.572	169	1866029	42.862	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	704329	45.119	ng	99
68) Hexachlorobenzene	16.378	284	821493	45.281	ng	97
69) Atrazine	16.548	200	730444	44.624	ng	98
70) Pentachlorophenol	16.742	266	1179755	93.737	ng	99
71) Phenanthrene	17.142	178	3353241	42.243	ng	100
72) Anthracene	17.225	178	3479940	43.041	ng	99
73) Carbazole	17.507	167	3316102	43.324	ng	99
74) Di-n-butylphthalate	18.113	149	3992292	44.149	ng	99
75) Fluoranthene	19.224	202	4288397	44.390	ng	98
77) Benzidine	19.419	184	2317709	44.441	ng	99
78) Pyrene	19.601	202	4533449	41.881	ng	100
80) Butylbenzylphthalate	20.554	149	1987584	41.838	ng	97
81) Benzo(a)anthracene	21.507	228	4756574	41.744	ng	100
82) 3,3'-Dichlorobenzidine	21.430	252	1151292	27.770	ng	100
83) Chrysene	21.577	228	4538638	42.067	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	3010233	42.125	ng	100
85) Di-n-octyl phthalate	22.712	149	5457888	43.323	ng	98
87) Indeno(1,2,3-cd)pyrene	28.553	276	5401039m	38.826	ng	
88) Benzo(b)fluoranthene	23.777	252	5016277	44.843	ng	99
89) Benzo(k)fluoranthene	23.848	252	4850479	43.347	ng	99
90) Benzo(a)pyrene	24.654	252	4659862	43.930	ng	99
91) Dibenzo(a,h)anthracene	28.636	278	4613271	40.546	ng	97
92) Benzo(g,h,i)perylene	29.712	276	4371619	38.542	ng	98

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

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