Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026304.D
Acq On : 11 Dec 2025 22:44
Operator : RC/JU
Sample : Q3831-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MS

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

Quant Time: Dec 11 23:44:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	293905	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	1126201	20.000	ng	-0.01
39) Acenaphthene-d10	14.284	164	698745	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1354726	20.000	ng	0.00
76) Chrysene-d12	21.542	240	1425670	20.000	ng	0.00
86) Perylene-d12	24.842	264	1646333	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1237426	67.688	ng	0.00
7) Phenol-d6	6.837	99	1528623	66.243	ng	0.00
23) Nitrobenzene-d5	8.784	82	898116	45.393	ng	0.00
42) 2,4,6-Tribromophenol	15.813	330	675408	74.327	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2170160	45.155	ng	-0.02
79) Terphenyl-d14	19.836	244	3234084	46.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	255505	34.370	ng	97
3) Pyridine	3.602	79	701114	32.840	ng	98
4) n-Nitrosodimethylamine	3.514	42	321191	40.342	ng	95
6) Aniline	6.984	93	358729	11.847	ng	99
8) 2-Chlorophenol	7.225	128	906255	43.626	ng	100
9) Benzaldehyde	6.802	77	539727	43.386	ng	98
10) Phenol	6.860	94	1045075	42.102	ng	97
11) bis(2-Chloroethyl)ether	7.078	93	765622	39.340	ng	98
12) 1,3-Dichlorobenzene	7.543	146	953488	42.417	ng	99
13) 1,4-Dichlorobenzene	7.678	146	965563	42.625	ng	99
14) 1,2-Dichlorobenzene	7.996	146	944246	43.425	ng	100
15) Benzyl Alcohol	7.884	79	703371	41.930	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.166	45	1037430	38.194	ng	99
17) 2-Methylphenol	8.090	107	714873	42.433	ng	98
18) Hexachloroethane	8.713	117	343649	41.764	ng	94
19) n-Nitroso-di-n-propyla...	8.449	70	559345	39.322	ng	100
20) 3+4-Methylphenols	8.413	107	953142	40.971	ng	99
22) Acetophenone	8.460	105	1202179	42.083	ng	98
24) Nitrobenzene	8.831	77	857140	42.858	ng	99
25) Isophorone	9.354	82	1598193	41.172	ng	98
26) 2-Nitrophenol	9.537	139	475325	47.008	ng	97
27) 2,4-Dimethylphenol	9.601	122	800699	44.739	ng	98
28) bis(2-Chloroethoxy)met...	9.825	93	1002850	41.108	ng	99
29) 2,4-Dichlorophenol	10.066	162	841331	46.128	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	893436	47.653	ng	100
31) Naphthalene	10.460	128	2794676	45.901	ng	99
32) Benzoic acid	9.748	122	622469	43.418	ng	97
33) 4-Chloroaniline	10.572	127	314517	12.331	ng	99
34) Hexachlorobutadiene	10.748	225	585579	47.836	ng	99
35) Caprolactam	11.360	113	252995m	39.281	ng	
36) 4-Chloro-3-methylphenol	11.707	107	839596	43.750	ng	99
37) 2-Methylnaphthalene	12.078	142	1821627	42.451	ng	99
38) 1-Methylnaphthalene	12.301	142	1871871	44.651	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	1004020	47.071	ng	99
41) Hexachlorocyclopentadiene	12.437	237	647305	48.650	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	687073	47.396	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	747220	46.281	ng	99
46) 1,1'-Biphenyl	13.101	154	2298852	43.570	ng	99
47) 2-Chloronaphthalene	13.142	162	1810799	43.561	ng	99
48) 2-Nitroaniline	13.348	65	498305	43.766	ng	96
49) Acenaphthylene	14.001	152	3356252	49.200	ng	99
50) Dimethylphthalate	13.748	163	2239528	43.014	ng	100
51) 2,6-Dinitrotoluene	13.860	165	489749	47.599	ng	96
52) Acenaphthene	14.360	154	1834585	45.993	ng	100
53) 3-Nitroaniline	14.189	138	302898	25.184	ng	98
54) 2,4-Dinitrophenol	14.407	184	453677	82.704	ng	98
55) Dibenzofuran	14.701	168	2848970	45.928	ng	99
56) 4-Nitrophenol	14.525	139	849507	79.101	ng	92
57) 2,4-Dinitrotoluene	14.648	165	694890	45.400	ng	99
58) Fluorene	15.348	166	2427911	49.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	654945	47.927	ng	99
60) Diethylphthalate	15.142	149	2273713	43.541	ng	99
61) 4-Chlorophenyl-phenyle...	15.360	204	1086265	44.395	ng	97
62) 4-Nitroaniline	15.378	138	446509	35.770	ng	91
63) Azobenzene	15.654	77	2060287	46.920	ng	97
65) 4,6-Dinitro-2-methylph...	15.442	198	321412	40.169	ng	98
66) n-Nitrosodiphenylamine	15.572	169	1901710	45.402	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	723153	48.150	ng	98
68) Hexachlorobenzene	16.378	284	848577	48.616	ng	97
69) Atrazine	16.560	200	705686	44.809	ng	99
70) Pentachlorophenol	16.736	266	1161181	95.894	ng	99
71) Phenanthrene	17.130	178	5399545	70.701	ng	100
72) Anthracene	17.230	178	4104774	52.769	ng	100
73) Carbazole	17.507	167	3320310	45.087	ng	99
74) Di-n-butylphthalate	18.107	149	3915082	45.000	ng	99
75) Fluoranthene	19.236	202	7183028	77.282	ng	97
77) Benzidine	19.424	184	1238633	27.672	ng	99
78) Pyrene	19.613	202	7202140	77.522	ng	99
80) Butylbenzylphthalate	20.571	149	1873089	45.939	ng	98
81) Benzo(a)anthracene	21.524	228	6072999	62.098	ng	98
82) 3,3'-Dichlorobenzidine	21.436	252	770918	21.666	ng	100
83) Chrysene	21.589	228	5650291	61.018	ng	98
84) Bis(2-ethylhexyl)phtha...	21.471	149	2728731	44.491	ng	100
85) Di-n-octyl phthalate	22.736	149	4793558	44.333	ng	97
87) Indeno(1,2,3-cd)pyrene	28.595	276	6626685	53.259	ng	98
88) Benzo(b)fluoranthene	23.801	252	6632481	66.288	ng	98
89) Benzo(k)fluoranthene	23.865	252	5289470	52.849	ng	98
90) Benzo(a)pyrene	24.689	252	6058181	63.853	ng	98
91) Dibenzo(a,h)anthracene	28.677	278	4814804	47.311	ng	97
92) Benzo(g,h,i)perylene	29.759	276	5739568	56.574	ng	97

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

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