Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026262.D
Acq On : 09 Dec 2025 15:36
Operator : RC/JU
Sample : Q3795-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11966MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 09 15:56:33 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	209963	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	834686	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	541018	20.000	ng	-0.01
64) Phenanthrene-d10	17.083	188	1099869	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1188801	20.000	ng	0.00
86) Perylene-d12	24.824	264	1405909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1277267	97.800	ng	0.00
7) Phenol-d6	6.837	99	1636712	99.283	ng	0.00
23) Nitrobenzene-d5	8.790	82	920383	62.764	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	882752	125.466	ng	-0.01
45) 2-Fluorobiphenyl	12.890	172	2388322	64.182	ng	-0.01
79) Terphenyl-d14	19.824	244	4806038	82.631	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	223495	42.083	ng	98
3) Pyridine	3.602	79	622227	40.796	ng	100
4) n-Nitrosodimethylamine	3.514	42	278988	49.050	ng	96
6) Aniline	6.984	93	304767	14.089	ng	99
8) 2-Chlorophenol	7.225	128	744786	50.186	ng	100
9) Benzaldehyde	6.802	77	477030	53.677	ng	100
10) Phenol	6.860	94	880657	49.663	ng	97
11) bis(2-Chloroethyl)ether	7.084	93	633772	45.585	ng	98
12) 1,3-Dichlorobenzene	7.537	146	786573	48.981	ng	98
13) 1,4-Dichlorobenzene	7.690	146	798627	49.351	ng	99
14) 1,2-Dichlorobenzene	8.002	146	780083	50.218	ng	100
15) Benzyl Alcohol	7.884	79	610123	50.912	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.160	45	861554	44.400	ng	100
17) 2-Methylphenol	8.090	107	605776	50.333	ng	99
18) Hexachloroethane	8.725	117	287785	48.957	ng	95
19) n-Nitroso-di-n-propyla...	8.449	70	474619	46.705	ng	99
20) 3+4-Methylphenols	8.413	107	821082	49.405	ng	98
22) Acetophenone	8.460	105	1009766	47.693	ng	99
24) Nitrobenzene	8.825	77	715265	48.255	ng	100
25) Isophorone	9.360	82	1382999	48.072	ng	99
26) 2-Nitrophenol	9.537	139	402993	53.774	ng	98
27) 2,4-Dimethylphenol	9.601	122	680429	51.297	ng	99
28) bis(2-Chloroethoxy)met...	9.831	93	855191	47.299	ng	99
29) 2,4-Dichlorophenol	10.072	162	723278	53.505	ng	100
30) 1,2,4-Trichlorobenzene	10.278	180	723330	52.054	ng	100
31) Naphthalene	10.466	128	2137079	47.359	ng	99
32) Benzoic acid	9.754	122	557221	52.441	ng	96
33) 4-Chloroaniline	10.566	127	167965	8.885	ng	99
34) Hexachlorobutadiene	10.766	225	456842	50.353	ng	100
35) Caprolactam	11.360	113	238299	49.921	ng	98
36) 4-Chloro-3-methylphenol	11.713	107	754210	53.027	ng	98
37) 2-Methylnaphthalene	12.084	142	1428378	44.913	ng	98
38) 1-Methylnaphthalene	12.307	142	1475723	47.495	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	833989	50.498	ng	100
41) Hexachlorocyclopentadiene	12.448	237	927278	90.010	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	606778	54.060	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	662229	52.975	ng	99
46) 1,1'-Biphenyl	13.107	154	2010439	49.212	ng	100
47) 2-Chloronaphthalene	13.142	162	1565735	48.646	ng	99
48) 2-Nitroaniline	13.348	65	462934	52.514	ng	97
49) Acenaphthylene	14.001	152	2694265	51.010	ng	99
50) Dimethylphthalate	13.742	163	2008220	49.816	ng	99
51) 2,6-Dinitrotoluene	13.848	165	443307	55.646	ng	97
52) Acenaphthene	14.342	154	1493292	48.351	ng	99
53) 3-Nitroaniline	14.172	138	147475	15.836	ng	100
54) 2,4-Dinitrophenol	14.395	184	512608	120.690	ng	98
55) Dibenzofuran	14.684	168	2417267	50.329	ng	99
56) 4-Nitrophenol	14.507	139	830405	99.865	ng	94
57) 2,4-Dinitrotoluene	14.654	165	640800	54.072	ng	96
58) Fluorene	15.348	166	1918461	50.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	591521	55.905	ng	99
60) Diethylphthalate	15.125	149	2027929	50.156	ng	99
61) 4-Chlorophenyl-phenyle...	15.342	204	964330	50.901	ng	98
62) 4-Nitroaniline	15.360	138	425061	43.980	ng	96
63) Azobenzene	15.636	77	1888554	55.548	ng	99
65) 4,6-Dinitro-2-methylph...	15.431	198	361594	55.663	ng	99
66) n-Nitrosodiphenylamine	15.560	169	1720800	50.602	ng	99
67) 4-Bromophenyl-phenylether	16.254	248	636858	52.230	ng	98
68) Hexachlorobenzene	16.372	284	748456	52.816	ng	98
69) Atrazine	16.536	200	661184	51.712	ng	99
70) Pentachlorophenol	16.730	266	1033818	105.159	ng	99
71) Phenanthrene	17.125	178	3084875	49.752	ng	100
72) Anthracene	17.213	178	3160857	50.050	ng	100
73) Carbazole	17.495	167	2962956	49.558	ng	100
74) Di-n-butylphthalate	18.101	149	3594876	50.894	ng	99
75) Fluoranthene	19.213	202	3837932	50.860	ng	98
77) Benzidine	19.419	184	1151956	30.864	ng	99
78) Pyrene	19.595	202	3957371	51.084	ng	100
80) Butylbenzylphthalate	20.566	149	1745402	51.337	ng	97
81) Benzo(a)anthracene	21.513	228	4066361	49.864	ng	100
82) 3,3'-Dichlorobenzidine	21.430	252	991198	33.407	ng	100
83) Chrysene	21.583	228	3817658	49.442	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	2545892	49.781	ng	99
85) Di-n-octyl phthalate	22.736	149	4501183	49.923	ng	99
87) Indeno(1,2,3-cd)pyrene	28.559	276	5187148m	48.819	ng	
88) Benzo(b)fluoranthene	23.795	252	4288242	50.188	ng	99
89) Benzo(k)fluoranthene	23.865	252	4267778	49.933	ng	100
90) Benzo(a)pyrene	24.665	252	4125554	50.919	ng	99
91) Dibenzo(a,h)anthracene	28.642	278	4305412	49.540	ng	99
92) Benzo(g,h,i)perylene	29.718	276	4315727	49.814	ng	98

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

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