Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026263.D
Acq On : 09 Dec 2025 16:17
Operator : RC/JU
Sample : Q3795-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11966MSD

Quant Time: Dec 09 16:37:39 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	7.655	152	173541	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	672715	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	419939	20.000	ng	-0.01
64) Phenanthrene-d10	17.084	188	865540	20.000	ng	-0.01
76) Chrysene-d12	21.525	240	1123362	20.000	ng	-0.01
86) Perylene-d12	24.807	264	1391746	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	966623	89.548	ng	0.00
7) Phenol-d6	6.837	99	1231104	90.352	ng	0.00
23) Nitrobenzene-d5	8.790	82	690681	58.441	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	616733	112.931	ng	-0.01
45) 2-Fluorobiphenyl	12.890	172	1697054	58.754	ng	-0.01
79) Terphenyl-d14	19.825	244	3691245	67.161	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	172640	39.330	ng	96
3) Pyridine	3.602	79	480070	38.082	ng	100
4) n-Nitrosodimethylamine	3.514	42	212978	45.304	ng	94
6) Aniline	6.984	93	224352	12.548	ng	100
8) 2-Chlorophenol	7.225	128	558769	45.554	ng	100
9) Benzaldehyde	6.808	77	362668	49.373	ng	99
10) Phenol	6.866	94	654728	44.671	ng	96
11) bis(2-Chloroethyl)ether	7.090	93	475746	41.400	ng	98
12) 1,3-Dichlorobenzene	7.543	146	591220	44.543	ng	99
13) 1,4-Dichlorobenzene	7.690	146	606217	45.323	ng	99
14) 1,2-Dichlorobenzene	8.002	146	586483	45.679	ng	100
15) Benzyl Alcohol	7.890	79	441990	44.623	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.166	45	634247	39.545	ng	100
17) 2-Methylphenol	8.096	107	437597	43.991	ng	99
18) Hexachloroethane	8.719	117	212773	43.793	ng	100
19) n-Nitroso-di-n-propyla...	8.449	70	346490	41.253	ng	97
20) 3+4-Methylphenols	8.419	107	605775	44.100	ng	99
22) Acetophenone	8.460	105	747777	43.822	ng	99
24) Nitrobenzene	8.831	77	532227	44.552	ng	99
25) Isophorone	9.360	82	975942	42.090	ng	99
26) 2-Nitrophenol	9.537	139	291858	48.321	ng	98
27) 2,4-Dimethylphenol	9.607	122	486783	45.534	ng	100
28) bis(2-Chloroethoxy)met...	9.831	93	607155	41.666	ng	100
29) 2,4-Dichlorophenol	10.072	162	511314	46.932	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	541286	48.332	ng	98
31) Naphthalene	10.460	128	1594036	43.830	ng	99
32) Benzoic acid	9.731	122	405215	47.317	ng	99
33) 4-Chloroaniline	10.572	127	122965	8.071	ng	99
34) Hexachlorobutadiene	10.760	225	333309	45.582	ng	97
35) Caprolactam	11.349	113	172643	44.875	ng	99
36) 4-Chloro-3-methylphenol	11.707	107	526886	45.963	ng	99
37) 2-Methylnaphthalene	12.078	142	1023878	39.945	ng	99
38) 1-Methylnaphthalene	12.307	142	1044946	41.728	ng	98
40) 1,2,4,5-Tetrachloroben...	12.454	216	590909	46.096	ng	100
41) Hexachlorocyclopentadiene	12.437	237	635032	79.415	ng	100
43) 2,4,6-Trichlorophenol	12.690	196	418939	48.087	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	467348	48.165	ng	98
46) 1,1'-Biphenyl	13.101	154	1423576	44.894	ng	99
47) 2-Chloronaphthalene	13.137	162	1121454	44.889	ng	99
48) 2-Nitroaniline	13.337	65	328250	47.971	ng	96
49) Acenaphthylene	13.990	152	1872280	45.668	ng	99
50) Dimethylphthalate	13.731	163	1389681	44.412	ng	100
51) 2,6-Dinitrotoluene	13.848	165	309958	50.125	ng	98
52) Acenaphthene	14.343	154	1064049	44.387	ng	100
53) 3-Nitroaniline	14.184	138	97096	13.433	ng	97
54) 2,4-Dinitrophenol	14.384	184	350208	106.227	ng	96
55) Dibenzofuran	14.684	168	1673067	44.878	ng	99
56) 4-Nitrophenol	14.507	139	612899	94.959	ng	94
57) 2,4-Dinitrotoluene	14.643	165	444138	48.283	ng	98
58) Fluorene	15.348	166	1343592	45.557	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	407275	49.590	ng	99
60) Diethylphthalate	15.131	149	1407844	44.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.342	204	655083	44.547	ng	99
62) 4-Nitroaniline	15.366	138	297656	39.677	ng	95
63) Azobenzene	15.648	77	1300574	49.283	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	252234	49.340	ng	97
66) n-Nitrosodiphenylamine	15.566	169	1205523	45.047	ng	99
67) 4-Bromophenyl-phenylether	16.266	248	439301	45.782	ng	98
68) Hexachlorobenzene	16.378	284	509561	45.693	ng	98
69) Atrazine	16.554	200	463320	46.047	ng	98
70) Pentachlorophenol	16.731	266	748302	96.724	ng	100
71) Phenanthrene	17.131	178	2237208	45.850	ng	100
72) Anthracene	17.231	178	2292839	46.135	ng	100
73) Carbazole	17.501	167	2226303	47.318	ng	100
74) Di-n-butylphthalate	18.113	149	2543852	45.765	ng	99
75) Fluoranthene	19.219	202	2899094	48.820	ng	99
77) Benzidine	19.425	184	940919	26.678	ng	99
78) Pyrene	19.601	202	3108280	42.460	ng	100
80) Butylbenzylphthalate	20.566	149	1365941	42.516	ng	96
81) Benzo(a)anthracene	21.507	228	3521152	45.694	ng	100
82) 3,3'-Dichlorobenzidine	21.430	252	859245	30.646	ng	99
83) Chrysene	21.577	228	3354415	45.973	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2036824	42.147	ng	99
85) Di-n-octyl phthalate	22.724	149	3737783	43.871	ng	99
87) Indeno(1,2,3-cd)pyrene	28.536	276	4767515	45.326	ng	95
88) Benzo(b)fluoranthene	23.771	252	3899669	46.104	ng	98
89) Benzo(k)fluoranthene	23.836	252	3823461	45.189	ng	100
90) Benzo(a)pyrene	24.648	252	3783565	47.173	ng	99
91) Dibenzo(a,h)anthracene	28.630	278	3945993	45.867	ng	98
92) Benzo(g,h,i)perylene	29.695	276	3939940	45.939	ng	97

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

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