Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025908.D
Acq On : 01 Oct 2025 19:56
Operator : CG/JU
Sample : Q3257-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV2-6FTMS

Quant Time: Oct 02 10:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	185964	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	701384	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	422242	20.000	ng	-0.02
64) Phenanthrene-d10	17.142	188	814890	20.000	ng	-0.04
76) Chrysene-d12	21.595	240	768586	20.000	ng	-0.05
86) Perylene-d12	24.954	264	893115	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	874315	75.861	ng	0.00
7) Phenol-d6	6.943	99	1161578	75.826	ng	0.00
23) Nitrobenzene-d5	8.884	82	723708	45.515	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	504027	95.702	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	1499546	47.287	ng	-0.03
79) Terphenyl-d14	19.866	244	2666393	62.411	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	217727	45.011	ng	97
3) Pyridine	3.708	79	609669	45.773	ng	92
4) n-Nitrosodimethylamine	3.614	42	278617	44.331	ng	88
6) Aniline	7.084	93	638027	30.340	ng	98
8) 2-Chlorophenol	7.325	128	688642	54.466	ng	96
9) Benzaldehyde	6.902	77	375617	40.908	ng	98
10) Phenol	6.972	94	850340	52.643	ng	96
11) bis(2-Chloroethyl)ether	7.172	93	663366	51.116	ng	96
12) 1,3-Dichlorobenzene	7.631	146	756854	52.596	ng	99
13) 1,4-Dichlorobenzene	7.778	146	773984	52.803	ng	99
14) 1,2-Dichlorobenzene	8.090	146	738029	51.828	ng	99
15) Benzyl Alcohol	7.984	79	616325	48.688	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	939393	44.263	ng	96
17) 2-Methylphenol	8.196	107	558510	51.284	ng	98
18) Hexachloroethane	8.802	117	289501	51.707	ng	96
19) n-Nitroso-di-n-propyla...	8.537	70	481940	45.106	ng	95
20) 3+4-Methylphenols	8.519	107	748257	49.060	ng	98
22) Acetophenone	8.555	105	1099119	58.640	ng	98
24) Nitrobenzene	8.925	77	739835	51.866	ng	98
25) Isophorone	9.449	82	1370323	49.031	ng	100
26) 2-Nitrophenol	9.631	139	369404	58.329	ng	92
27) 2,4-Dimethylphenol	9.696	122	602714	54.248	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	838507	51.903	ng	99
29) 2,4-Dichlorophenol	10.178	162	617158	55.712	ng	99
30) 1,2,4-Trichlorobenzene	10.372	180	695026	55.671	ng	99
31) Naphthalene	10.555	128	1971682	52.135	ng	100
32) Benzoic acid	9.908	122	495042	59.930	ng	98
33) 4-Chloroaniline	10.678	127	398356	25.271	ng	98
34) Hexachlorobutadiene	10.831	225	459141	57.130	ng	99
35) Caprolactam	11.478	113	188318	44.100	ng	93
36) 4-Chloro-3-methylphenol	11.813	107	682730	51.694	ng	96
37) 2-Methylnaphthalene	12.166	142	1243288	51.184	ng	99
38) 1-Methylnaphthalene	12.384	142	1278185	49.345	ng	100
40) 1,2,4,5-Tetrachloroben...	12.537	216	858092	67.064	ng	99
41) Hexachlorocyclopentadiene	12.513	237	601141	86.264	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	506489	60.214	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	555797	59.371	ng		97
46) 1,1'-Biphenyl	13.178	154	1911573	61.678	ng		99
47) 2-Chloronaphthalene	13.219	162	1381560	56.613	ng		99
48) 2-Nitroaniline	13.431	65	438466	53.900	ng		99
49) Acenaphthylene	14.072	152	2243440	55.484	ng		100
50) Dimethylphthalate	13.807	163	1706796	52.946	ng		99
51) 2,6-Dinitrotoluene	13.931	165	376526	55.129	ng		91
52) Acenaphthene	14.413	154	1249797	53.598	ng		98
53) 3-Nitroaniline	14.272	138	258855	36.041	ng		98
54) 2,4-Dinitrophenol	14.490	184	365062	82.076	ng		97
55) Dibenzofuran	14.754	168	2015641	53.037	ng		98
56) 4-Nitrophenol	14.625	139	564247	90.599	ng		99
57) 2,4-Dinitrotoluene	14.731	165	528813	54.405	ng		94
58) Fluorene	15.413	166	1603203	53.051	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.996	232	486741	57.719	ng		95
60) Diethylphthalate	15.184	149	1694350	51.816	ng		99
61) 4-Chlorophenyl-phenyle...	15.401	204	826625	54.276	ng		97
62) 4-Nitroaniline	15.448	138	360291	48.967	ng		97
63) Azobenzene	15.701	77	1728182	54.658	ng		97
65) 4,6-Dinitro-2-methylph...	15.519	198	267250	49.315	ng		84
66) n-Nitrosodiphenylamine	15.625	169	1434658	57.530	ng		99
67) 4-Bromophenyl-phenylether	16.313	248	530276	59.234	ng		99
68) Hexachlorobenzene	16.437	284	594224	59.522	ng		92
69) Atrazine	16.601	200	541978	56.857	ng		97
70) Pentachlorophenol	16.801	266	761513	115.574	ng		100
71) Phenanthrene	17.190	178	2463704	53.298	ng		99
72) Anthracene	17.284	178	2583130	55.076	ng		99
73) Carbazole	17.566	167	2295253	52.638	ng		100
74) Di-n-butylphthalate	18.142	149	2850534	53.271	ng		99
75) Fluoranthene	19.278	202	2841046	51.246	ng		99
77) Benzidine	19.478	184	1636316	73.910	ng		100
78) Pyrene	19.654	202	2911647	56.775	ng		99
80) Butylbenzylphthalate	20.601	149	1266896	56.341	ng		97
81) Benzo(a)anthracene	21.578	228	2897625	55.069	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	822574	45.211	ng		99
83) Chrysene	21.648	228	2727006	54.367	ng		99
84) Bis(2-ethylhexyl)phtha...	21.501	149	1808713	54.979	ng		99
85) Di-n-octyl phthalate	22.777	149	3236484	55.306	ng		96
87) Indeno(1,2,3-cd)pyrene	28.789	276	3705346	57.050	ng	#	82
88) Benzo(b)fluoranthene	23.889	252	3015986	55.222	ng		100
89) Benzo(k)fluoranthene	23.966	252	2992502	53.695	ng		99
90) Benzo(a)pyrene	24.801	252	2887240	53.982	ng		99
91) Dibenzo(a,h)anthracene	28.842	278	3067641	57.717	ng		98
92) Benzo(g,h,i)perylene	29.954	276	2992863	57.258	ng		99

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

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