Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025909.D
Acq On : 01 Oct 2025 20:37
Operator : CG/JU
Sample : Q3257-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV2-6FTMSD

Quant Time: Oct 02 10:39:34 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	7.743	152	179543	20.000	ng		-0.02
21) Naphthalene-d8	10.507	136	674815	20.000	ng		-0.02
39) Acenaphthene-d10	14.360	164	411036	20.000	ng		-0.02
64) Phenanthrene-d10	17.166	188	774966	20.000	ng		-0.02
76) Chrysene-d12	21.607	240	702108	20.000	ng		-0.04
86) Perylene-d12	24.942	264	811885	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	848930	76.293	ng		0.00
7) Phenol-d6	6.943	99	1124046	76.000	ng		0.00
23) Nitrobenzene-d5	8.884	82	703598	45.992	ng		-0.02
42) 2,4,6-Tribromophenol	15.878	330	483912	94.388	ng		-0.03
45) 2-Fluorobiphenyl	12.966	172	1464025	47.425	ng		-0.02
79) Terphenyl-d14	19.878	244	2448228	62.730	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	209758	44.915	ng		97
3) Pyridine	3.708	79	591008	45.959	ng		93
4) n-Nitrosodimethylamine	3.614	42	270044	44.503	ng		89
6) Aniline	7.084	93	640762	31.560	ng		99
8) 2-Chlorophenol	7.325	128	668959	54.801	ng		97
9) Benzaldehyde	6.902	77	361360	40.763	ng		98
10) Phenol	6.972	94	818729	52.499	ng		98
11) bis(2-Chloroethyl)ether	7.172	93	638624	50.969	ng		95
12) 1,3-Dichlorobenzene	7.631	146	729180	52.485	ng		98
13) 1,4-Dichlorobenzene	7.778	146	744476	52.606	ng		99
14) 1,2-Dichlorobenzene	8.090	146	720643	52.417	ng		99
15) Benzyl Alcohol	7.984	79	600533	49.138	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.260	45	912745	44.545	ng		97
17) 2-Methylphenol	8.196	107	539359	51.297	ng		99
18) Hexachloroethane	8.802	117	282290	52.222	ng		99
19) n-Nitroso-di-n-propyla...	8.537	70	468785	45.444	ng		94
20) 3+4-Methylphenols	8.519	107	720925	48.958	ng		99
22) Acetophenone	8.555	105	1058154	58.677	ng	#	97
24) Nitrobenzene	8.931	77	720575	52.505	ng		95
25) Isophorone	9.449	82	1337380	49.737	ng		100
26) 2-Nitrophenol	9.631	139	361707	59.362	ng		90
27) 2,4-Dimethylphenol	9.696	122	579888	54.248	ng		98
28) bis(2-Chloroethoxy)met...	9.919	93	809490	52.080	ng		99
29) 2,4-Dichlorophenol	10.178	162	596565	55.973	ng		100
30) 1,2,4-Trichlorobenzene	10.366	180	673151	56.042	ng		99
31) Naphthalene	10.554	128	1921000	52.794	ng		99
32) Benzoic acid	9.902	122	477687	60.106	ng		99
33) 4-Chloroaniline	10.672	127	391493	25.814	ng		98
34) Hexachlorobutadiene	10.831	225	442279	57.198	ng		99
35) Caprolactam	11.484	113	184082	44.805	ng		87
36) 4-Chloro-3-methylphenol	11.819	107	654363	51.497	ng		97
37) 2-Methylnaphthalene	12.166	142	1201700	51.420	ng		98
38) 1-Methylnaphthalene	12.384	142	1252060	50.240	ng		99
40) 1,2,4,5-Tetrachloroben...	12.537	216	827952	66.473	ng		99
41) Hexachlorocyclopentadiene	12.513	237	602792	88.859	ng		99
43) 2,4,6-Trichlorophenol	12.790	196	490615	59.917	ng		100

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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	534480	58.651	ng		97
46) 1,1'-Biphenyl	13.178	154	1853471	61.434	ng		98
47) 2-Chloronaphthalene	13.219	162	1331941	56.068	ng		100
48) 2-Nitroaniline	13.437	65	418040	52.790	ng		98
49) Acenaphthylene	14.078	152	2190124	55.642	ng		99
50) Dimethylphthalate	13.819	163	1605522	51.162	ng		99
51) 2,6-Dinitrotoluene	13.931	165	363172	54.624	ng		96
52) Acenaphthene	14.425	154	1211566	53.375	ng		99
53) 3-Nitroaniline	14.272	138	251392	35.957	ng		100
54) 2,4-Dinitrophenol	14.501	184	356402	82.300	ng		97
55) Dibenzofuran	14.766	168	1955115	52.847	ng		98
56) 4-Nitrophenol	14.631	139	542076	89.471	ng		96
57) 2,4-Dinitrotoluene	14.748	165	504708	53.341	ng		95
58) Fluorene	15.425	166	1571158	53.408	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	463972	56.519	ng		94
60) Diethylphthalate	15.195	149	1621061	50.926	ng		99
61) 4-Chlorophenyl-phenyle...	15.413	204	808112	54.507	ng		98
62) 4-Nitroaniline	15.454	138	350384	48.919	ng		97
63) Azobenzene	15.713	77	1642142	53.353	ng		96
65) 4,6-Dinitro-2-methylph...	15.531	198	262259	50.887	ng		88
66) n-Nitrosodiphenylamine	15.637	169	1359733	57.334	ng		100
67) 4-Bromophenyl-phenylether	16.325	248	511029	60.025	ng		98
68) Hexachlorobenzene	16.454	284	578740	60.957	ng	#	89
69) Atrazine	16.613	200	513071	56.597	ng		98
70) Pentachlorophenol	16.819	266	716486	114.343	ng		99
71) Phenanthrene	17.207	178	2342948	53.297	ng		99
72) Anthracene	17.295	178	2403092	53.877	ng		100
73) Carbazole	17.584	167	2205325	53.181	ng		99
74) Di-n-butylphthalate	18.160	149	2753949	54.117	ng		99
75) Fluoranthene	19.295	202	2684204	50.912	ng		99
77) Benzidine	19.489	184	1489841	73.665	ng		99
78) Pyrene	19.672	202	2756336	58.835	ng		99
80) Butylbenzylphthalate	20.607	149	1180961	57.492	ng		95
81) Benzo(a)anthracene	21.583	228	2677041	55.694	ng		100
82) 3,3'-Dichlorobenzidine	21.501	252	747212	44.958	ng		100
83) Chrysene	21.648	228	2528964	55.193	ng		99
84) Bis(2-ethylhexyl)phtha...	21.507	149	1676290	55.779	ng		99
85) Di-n-octyl phthalate	22.771	149	2951229	55.207	ng		97
87) Indeno(1,2,3-cd)pyrene	28.759	276	3393694	57.479	ng	#	79
88) Benzo(b)fluoranthene	23.889	252	2763338	55.658	ng		99
89) Benzo(k)fluoranthene	23.960	252	2737092	54.026	ng		99
90) Benzo(a)pyrene	24.789	252	2641654	54.332	ng		98
91) Dibenzo(a,h)anthracene	28.824	278	2782973	57.600	ng		97
92) Benzo(g,h,i)perylene	29.953	276	2775366	58.410	ng		97

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

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