Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024928.D
Acq On : 12 Jun 2025 13:49
Operator : RC/JU
Sample : Q2280-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643MS

Quant Time: Jun 12 14:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	263455	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1026301	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	608313	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1171746	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1208640	20.000	ng	0.01
86) Perylene-d12	24.771	264	1478760	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1876301	118.879	ng	0.00
7) Phenol-d6	6.819	99	2404710	115.152	ng	0.00
23) Nitrobenzene-d5	8.760	82	1471655	69.680	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1070486	127.283	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3191971	70.687	ng	0.00
79) Terphenyl-d14	19.783	244	4794376	71.094	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	247674	35.663	ng	98
3) Pyridine	3.561	79	656852	39.329	ng	99
4) n-Nitrosodimethylamine	3.472	42	298743	43.752	ng	98
6) Aniline	6.949	93	875971	32.869	ng	100
8) 2-Chlorophenol	7.190	128	890911	49.792	ng	99
9) Benzaldehyde	6.766	77	418156	34.740	ng	98
10) Phenol	6.843	94	1050444	48.794	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	773407	45.677	ng	99
12) 1,3-Dichlorobenzene	7.496	146	908119	45.496	ng	99
13) 1,4-Dichlorobenzene	7.643	146	915817	45.473	ng	98
14) 1,2-Dichlorobenzene	7.955	146	881807	44.588	ng	98
15) Benzyl Alcohol	7.855	79	759405	47.383	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	926075	41.787	ng	98
17) 2-Methylphenol	8.066	107	714336	47.517	ng	99
18) Hexachloroethane	8.666	117	340047	44.846	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	590200	41.574	ng	99
20) 3+4-Methylphenols	8.396	107	962045	46.906	ng	96
22) Acetophenone	8.425	105	1229123	47.402	ng	98
24) Nitrobenzene	8.802	77	894739	47.686	ng	97
25) Isophorone	9.325	82	1649879	45.074	ng	99
26) 2-Nitrophenol	9.507	139	481745	52.037	ng	97
27) 2,4-Dimethylphenol	9.584	122	793738	50.097	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1003708	45.969	ng	99
29) 2,4-Dichlorophenol	10.054	162	798069	52.496	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	828832	48.337	ng	99
31) Naphthalene	10.425	128	2503218	47.595	ng	100
32) Benzoic acid	9.784	122	596466	55.709	ng	99
33) 4-Chloroaniline	10.554	127	565354	25.657	ng	99
34) Hexachlorobutadiene	10.701	225	513587	49.696	ng	99
35) Caprolactam	11.360	113	264992	47.353	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	861221	49.114	ng	100
37) 2-Methylnaphthalene	12.048	142	1575365	47.221	ng	100
38) 1-Methylnaphthalene	12.272	142	1646585	46.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	887405	51.410	ng	100
41) Hexachlorocyclopentadiene	12.390	237	932019	88.526	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	625702	53.977	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	683568	55.063	ng		98
46) 1,1'-Biphenyl	13.072	154	2209903	49.989	ng		99
47) 2-Chloronaphthalene	13.113	162	1698387	49.986	ng		99
48) 2-Nitroaniline	13.343	65	528310	50.577	ng		96
49) Acenaphthylene	13.972	152	2848189	50.275	ng		100
50) Dimethylphthalate	13.719	163	2159772	48.130	ng		99
51) 2,6-Dinitrotoluene	13.842	165	484696	50.103	ng		99
52) Acenaphthene	14.319	154	1657297	51.051	ng		99
53) 3-Nitroaniline	14.184	138	391686	39.016	ng		99
54) 2,4-Dinitrophenol	14.407	184	635240	99.394	ng		93
55) Dibenzofuran	14.660	168	2631180	50.493	ng		99
56) 4-Nitrophenol	14.537	139	854056	99.103	ng		98
57) 2,4-Dinitrotoluene	14.648	165	687118	50.776	ng		96
58) Fluorene	15.319	166	2131181	50.627	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.901	232	586227	52.852	ng		97
60) Diethylphthalate	15.101	149	2162551	48.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1014091	49.269	ng		97
62) 4-Nitroaniline	15.366	138	479660	52.694	ng		93
63) Azobenzene	15.613	77	2080554	50.725	ng		99
65) 4,6-Dinitro-2-methylph...	15.431	198	398746	51.789	ng		95
66) n-Nitrosodiphenylamine	15.542	169	1806525	49.741	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	677044	51.209	ng		100
68) Hexachlorobenzene	16.348	284	813203	50.737	ng		99
69) Atrazine	16.525	200	657835	49.964	ng		99
70) Pentachlorophenol	16.713	266	1048341	126.379	ng		99
71) Phenanthrene	17.101	178	3616392	55.850	ng		99
72) Anthracene	17.195	178	3377467	51.502	ng		99
73) Carbazole	17.483	167	3120923	51.343	ng		99
74) Di-n-butylphthalate	18.060	149	3739567	49.654	ng		100
75) Fluoranthene	19.189	202	4629331	61.683	ng		99
77) Benzidine	19.395	184	1096267	29.286	ng		99
78) Pyrene	19.572	202	4631827	61.341	ng		100
80) Butylbenzylphthalate	20.519	149	1708620	49.400	ng		94
81) Benzo(a)anthracene	21.477	228	4155819	53.761	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1134681	36.973	ng		100
83) Chrysene	21.542	228	4017613	54.851	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2427269	48.981	ng		99
85) Di-n-octyl phthalate	22.648	149	4234901	48.484	ng		98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5911553	54.791	ng	#	87
88) Benzo(b)fluoranthene	23.736	252	4974399	58.778	ng		100
89) Benzo(k)fluoranthene	23.807	252	4428209	51.404	ng		99
90) Benzo(a)pyrene	24.618	252	4541530	54.950	ng		99
91) Dibenzo(a,h)anthracene	28.536	278	4560987	51.934	ng		98
92) Benzo(g,h,i)perylene	29.636	276	4867753	55.863	ng		99

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

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