Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024929.D
Acq On : 12 Jun 2025 14:30
Operator : RC/JU
Sample : Q2280-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643MSD

Quant Time: Jun 12 15:32:14 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	249785	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1005988	20.000	ng		0.00
39) Acenaphthene-d10	14.260	164	624612	20.000	ng		0.01
64) Phenanthrene-d10	17.060	188	1216596	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1255977	20.000	ng		0.01
86) Perylene-d12	24.766	264	1493797	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1892611	126.475	ng		0.00
7) Phenol-d6	6.819	99	2447254	123.603	ng		0.00
23) Nitrobenzene-d5	8.760	82	1499817	72.447	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	1178968	136.524	ng		0.00
45) 2-Fluorobiphenyl	12.860	172	3369818	72.678	ng		0.00
79) Terphenyl-d14	19.783	244	5305780	75.712	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	250773	38.085	ng		99
3) Pyridine	3.561	79	667868	42.177	ng		100
4) n-Nitrosodimethylamine	3.473	42	302560	46.736	ng		100
6) Aniline	6.949	93	904587	35.801	ng		100
8) 2-Chlorophenol	7.190	128	900574	53.087	ng		99
9) Benzaldehyde	6.766	77	426946	37.411	ng		99
10) Phenol	6.843	94	1073416	52.590	ng		99
11) bis(2-Chloroethyl)ether	7.043	93	787485	49.053	ng		99
12) 1,3-Dichlorobenzene	7.496	146	921368	48.686	ng		97
13) 1,4-Dichlorobenzene	7.643	146	936678	49.054	ng		99
14) 1,2-Dichlorobenzene	7.955	146	903590	48.190	ng		99
15) Benzyl Alcohol	7.861	79	772295	50.824	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	934494	44.475	ng		98
17) 2-Methylphenol	8.072	107	734183	51.510	ng		98
18) Hexachloroethane	8.666	117	345169	48.013	ng		97
19) n-Nitroso-di-n-propyla...	8.413	70	613692	45.594	ng		98
20) 3+4-Methylphenols	8.402	107	986878	50.750	ng		99
22) Acetophenone	8.431	105	1256090	49.420	ng	#	97
24) Nitrobenzene	8.802	77	909695	49.462	ng		98
25) Isophorone	9.325	82	1709936	47.658	ng		99
26) 2-Nitrophenol	9.508	139	498892	54.977	ng		96
27) 2,4-Dimethylphenol	9.578	122	830897	53.501	ng		98
28) bis(2-Chloroethoxy)met...	9.802	93	1046788	48.910	ng		98
29) 2,4-Dichlorophenol	10.049	162	830265	55.717	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	849418	50.538	ng		99
31) Naphthalene	10.431	128	2596306	50.362	ng		100
32) Benzoic acid	9.790	122	631614	60.183	ng		98
33) 4-Chloroaniline	10.555	127	601183	27.834	ng		99
34) Hexachlorobutadiene	10.707	225	522326	51.562	ng		99
35) Caprolactam	11.360	113	281402	51.301	ng		91
36) 4-Chloro-3-methylphenol	11.707	107	908675	52.867	ng		98
37) 2-Methylnaphthalene	12.049	142	1654574	50.597	ng		100
38) 1-Methylnaphthalene	12.266	142	1704311	48.748	ng		100
40) 1,2,4,5-Tetrachloroben...	12.425	216	927046	52.306	ng		99
41) Hexachlorocyclopentadiene	12.396	237	947956	87.690	ng		99
43) 2,4,6-Trichlorophenol	12.678	196	661468	55.573	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	740712	58.109	ng	98
46) 1,1'-Biphenyl	13.072	154	2325020	51.221	ng	99
47) 2-Chloronaphthalene	13.119	162	1801120	51.627	ng	99
48) 2-Nitroaniline	13.337	65	559840	52.197	ng	99
49) Acenaphthylene	13.972	152	3025428	52.010	ng	100
50) Dimethylphthalate	13.713	163	2315000	50.243	ng	100
51) 2,6-Dinitrotoluene	13.843	165	522459	52.598	ng	98
52) Acenaphthene	14.325	154	1766459	52.994	ng	99
53) 3-Nitroaniline	14.184	138	417701	40.521	ng	99
54) 2,4-Dinitrophenol	14.407	184	685756	104.212	ng	95
55) Dibenzofuran	14.666	168	2804311	52.411	ng	99
56) 4-Nitrophenol	14.548	139	906999	102.314	ng	97
57) 2,4-Dinitrotoluene	14.648	165	733570	52.794	ng	97
58) Fluorene	15.319	166	2317802	53.624	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	642253	56.392	ng	97
60) Diethylphthalate	15.101	149	2366192	51.528	ng	100
61) 4-Chlorophenyl-phenyle...	15.319	204	1102149	52.150	ng	97
62) 4-Nitroaniline	15.366	138	523926	56.055	ng	95
63) Azobenzene	15.619	77	2224941	52.830	ng	95
65) 4,6-Dinitro-2-methylph...	15.431	198	436269	54.574	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1925906	51.073	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	740619	53.953	ng	98
68) Hexachlorobenzene	16.348	284	890463	53.509	ng	98
69) Atrazine	16.525	200	726216	53.124	ng	99
70) Pentachlorophenol	16.713	266	1154649	134.063	ng	98
71) Phenanthrene	17.101	178	3906792	58.110	ng	99
72) Anthracene	17.195	178	3635460	53.392	ng	99
73) Carbazole	17.484	167	3343767	52.981	ng	100
74) Di-n-butylphthalate	18.066	149	4211081	53.854	ng	99
75) Fluoranthene	19.189	202	5072485	65.096	ng	99
77) Benzidine	19.395	184	1273295	32.733	ng	99
78) Pyrene	19.572	202	5039432	64.224	ng	100
80) Butylbenzylphthalate	20.519	149	1943473	54.073	ng	95
81) Benzo(a)anthracene	21.477	228	4584277	57.068	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1248271	39.142	ng	99
83) Chrysene	21.542	228	4439781	58.330	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2814226	54.650	ng	99
85) Di-n-octyl phthalate	22.654	149	5042237	55.552	ng	100
87) Indeno(1,2,3-cd)pyrene	28.483	276	6246160	57.309	ng	99
88) Benzo(b)fluoranthene	23.736	252	5290310	61.882	ng	99
89) Benzo(k)fluoranthene	23.801	252	4851882	55.755	ng	100
90) Benzo(a)pyrene	24.613	252	4786328	57.329	ng	99
91) Dibenzo(a,h)anthracene	28.542	278	4851574	54.687	ng	98
92) Benzo(g,h,i)perylene	29.624	276	5067058	57.565	ng	99

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

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