Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024916.D
Acq On : 11 Jun 2025 17:46
Operator : RC/JU
Sample : Q2244-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MHCMSD

Quant Time: Jun 11 18:21:24 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	7.607	152	296741	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1145675	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	681041	20.000	ng	0.01
64) Phenanthrene-d10	17.054	188	1344967	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1458380	20.000	ng	0.00
86) Perylene-d12	24.754	264	1809073	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1757574	98.865	ng	0.00
7) Phenol-d6	6.819	99	2287981	97.272	ng	0.00
23) Nitrobenzene-d5	8.760	82	1371800	58.184	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1012172	107.498	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2750550	54.407	ng	0.00
79) Terphenyl-d14	19.777	244	4618626	56.760	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	243867	31.176	ng	97
3) Pyridine	3.561	79	637279	33.877	ng	99
4) n-Nitrosodimethylamine	3.472	42	303767	39.498	ng	97
6) Aniline	6.949	93	961438	32.030	ng	98
8) 2-Chlorophenol	7.190	128	857088	42.529	ng	100
9) Benzaldehyde	6.766	77	426360	31.448	ng	99
10) Phenol	6.843	94	1039596	42.873	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	760691	39.886	ng	100
12) 1,3-Dichlorobenzene	7.496	146	892487	39.697	ng	99
13) 1,4-Dichlorobenzene	7.643	146	907817	40.019	ng	99
14) 1,2-Dichlorobenzene	7.960	146	867150	38.928	ng	98
15) Benzyl Alcohol	7.860	79	720761	39.927	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.137	45	911568	36.519	ng	98
17) 2-Methylphenol	8.072	107	688074	40.636	ng	98
18) Hexachloroethane	8.672	117	332009	38.875	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	570870	35.701	ng	99
20) 3+4-Methylphenols	8.402	107	921106	39.872	ng	98
22) Acetophenone	8.431	105	1178813	40.725	ng	99
24) Nitrobenzene	8.807	77	877868	41.912	ng	99
25) Isophorone	9.325	82	1587368	38.848	ng	99
26) 2-Nitrophenol	9.507	139	458661	44.381	ng	99
27) 2,4-Dimethylphenol	9.584	122	755661	42.724	ng	98
28) bis(2-Chloroethoxy)met...	9.802	93	953877	39.134	ng	99
29) 2,4-Dichlorophenol	10.054	162	762394	44.924	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	801804	41.889	ng	99
31) Naphthalene	10.431	128	2450225	41.733	ng	100
32) Benzoic acid	9.772	122	539280	45.120	ng	98
33) 4-Chloroaniline	10.554	127	834506	33.926	ng	99
34) Hexachlorobutadiene	10.707	225	491701	42.621	ng	99
35) Caprolactam	11.354	113	252210	40.373	ng	96
36) 4-Chloro-3-methylphenol	11.707	107	835760	42.696	ng	99
37) 2-Methylnaphthalene	12.048	142	1532269	41.143	ng	100
38) 1-Methylnaphthalene	12.272	142	1625939	40.836	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	863159	44.666	ng	100
41) Hexachlorocyclopentadiene	12.395	237	534955	45.385	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	592291	45.638	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	662037	47.633	ng		98
46) 1,1'-Biphenyl	13.072	154	2088342	42.195	ng		99
47) 2-Chloronaphthalene	13.113	162	1648477	43.336	ng		100
48) 2-Nitroaniline	13.337	65	508365	43.470	ng		98
49) Acenaphthylene	13.972	152	2679815	42.251	ng		100
50) Dimethylphthalate	13.713	163	1996865	39.747	ng		99
51) 2,6-Dinitrotoluene	13.837	165	453661	41.887	ng		96
52) Acenaphthene	14.319	154	1529057	42.071	ng		99
53) 3-Nitroaniline	14.184	138	427642	38.048	ng		98
54) 2,4-Dinitrophenol	14.401	184	489359	70.127	ng		97
55) Dibenzofuran	14.660	168	2444678	41.904	ng		100
56) 4-Nitrophenol	14.537	139	840572	87.776	ng		99
57) 2,4-Dinitrotoluene	14.648	165	652966	43.100	ng		98
58) Fluorene	15.325	166	1979527	42.003	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	562659	45.310	ng		98
60) Diethylphthalate	15.101	149	2019311	40.331	ng		98
61) 4-Chlorophenyl-phenyle...	15.313	204	956899	41.526	ng		99
62) 4-Nitroaniline	15.372	138	466472	45.773	ng		94
63) Azobenzene	15.613	77	2060965	44.881	ng		99
65) 4,6-Dinitro-2-methylph...	15.436	198	326948	36.995	ng		97
66) n-Nitrosodiphenylamine	15.542	169	1722427	41.317	ng		99
67) 4-Bromophenyl-phenylether	16.231	248	636118	41.917	ng		97
68) Hexachlorobenzene	16.348	284	789910	42.936	ng		96
69) Atrazine	16.525	200	632843	41.875	ng		98
70) Pentachlorophenol	16.713	266	1034372	108.636	ng		99
71) Phenanthrene	17.101	178	3129375	42.104	ng		99
72) Anthracene	17.189	178	3223005	42.817	ng		100
73) Carbazole	17.483	167	3022739	43.323	ng		100
74) Di-n-butylphthalate	18.060	149	3612855	41.793	ng		99
75) Fluoranthene	19.183	202	3815699	44.294	ng		98
77) Benzidine	19.395	184	1831498	40.548	ng		100
78) Pyrene	19.560	202	3889220	42.686	ng		99
80) Butylbenzylphthalate	20.513	149	1788224	42.848	ng		98
81) Benzo(a)anthracene	21.471	228	4061121	43.539	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	1525035	41.183	ng		99
83) Chrysene	21.536	228	3815040	43.166	ng		100
84) Bis(2-ethylhexyl)phtha...	21.401	149	2516039	42.078	ng		99
85) Di-n-octyl phthalate	22.636	149	4491841	42.620	ng		99
87) Indeno(1,2,3-cd)pyrene	28.471	276	5899782	44.697	ng	#	93
88) Benzo(b)fluoranthene	23.718	252	4471041	43.184	ng		99
89) Benzo(k)fluoranthene	23.789	252	4529865	42.983	ng		99
90) Benzo(a)pyrene	24.601	252	4414468	43.660	ng		99
91) Dibenzo(a,h)anthracene	28.536	278	4783213	44.520	ng		98
92) Benzo(g,h,i)perylene	29.606	276	4739587	44.461	ng		99

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

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