Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142576.D
Acq On : 30 May 2025 18:16
Operator : RC/JU
Sample : Q2136-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

Quant Time: May 30 18:37:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124028	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	470508	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242418	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	379868	20.000	ng	0.00
76) Chrysene-d12	14.068	240	212601	20.000	ng	0.00
86) Perylene-d12	15.562	264	245371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	783864	106.478	ng	0.02
7) Phenol-d6	6.528	99	878380	99.120	ng	0.00
23) Nitrobenzene-d5	7.463	82	631221	73.154	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	305720	113.628	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1289525	71.379	ng	-0.01
79) Terphenyl-d14	13.010	244	1112720	71.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	99841	33.892	ng	# 82
3) Pyridine	3.563	79	261418	34.847	ng	99
4) n-Nitrosodimethylamine	3.504	42	150163	38.552	ng	95
6) Aniline	6.563	93	205443	17.242	ng	99
8) 2-Chlorophenol	6.687	128	319927	39.898	ng	100
9) Benzaldehyde	6.451	77	100550	18.865	ng	99
10) Phenol	6.539	94	324542	32.547	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	299436	41.717	ng	98
12) 1,3-Dichlorobenzene	6.839	146	327700	36.625	ng	99
13) 1,4-Dichlorobenzene	6.916	146	338090	37.512	ng	99
14) 1,2-Dichlorobenzene	7.069	146	328605	38.102	ng	99
15) Benzyl Alcohol	7.039	79	258220	39.430	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	465978	38.658	ng	98
17) 2-Methylphenol	7.151	107	244424	39.042	ng	100
18) Hexachloroethane	7.410	117	118055	37.511	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	211990	38.599	ng	99
20) 3+4-Methylphenols	7.304	107	302768	37.766	ng	95
22) Acetophenone	7.310	105	418924	40.221	ng	99
24) Nitrobenzene	7.481	77	316315	40.646	ng	99
25) Isophorone	7.722	82	568738	39.423	ng	98
26) 2-Nitrophenol	7.798	139	175413	42.184	ng	96
27) 2,4-Dimethylphenol	7.833	122	292423	39.876	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	362869	40.266	ng	99
29) 2,4-Dichlorophenol	8.039	162	275009	41.237	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	290494	40.136	ng	98
31) Naphthalene	8.204	128	939685	40.560	ng	100
32) Benzoic acid	7.928	122	106805	23.926	ng	98
33) 4-Chloroaniline	8.251	127	97494	10.385	ng	97
34) Hexachlorobutadiene	8.322	225	173533	38.399	ng	98
35) Caprolactam	8.616	113	64079m	34.211	ng	
36) 4-Chloro-3-methylphenol	8.733	107	268141	39.233	ng	97
37) 2-Methylnaphthalene	8.892	142	577789	39.642	ng	99
38) 1-Methylnaphthalene	8.992	142	593914	39.394	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	296147	42.557	ng	99
41) Hexachlorocyclopentadiene	9.045	237	338363	72.079	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	196799	41.940	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	205422	41.509	ng	97
46) 1,1'-Biphenyl	9.357	154	779832	41.464	ng	99
47) 2-Chloronaphthalene	9.386	162	588430	42.347	ng	99
48) 2-Nitroaniline	9.480	65	170224	42.382	ng	97
49) Acenaphthylene	9.804	152	959073	40.875	ng	100
50) Dimethylphthalate	9.657	163	673733	42.120	ng	100
51) 2,6-Dinitrotoluene	9.722	165	147716	42.787	ng	97
52) Acenaphthene	9.975	154	608380	42.463	ng	98
53) 3-Nitroaniline	9.886	138	70778	18.770	ng	100
54) 2,4-Dinitrophenol	9.998	184	89612	50.242	ng	93
55) Dibenzofuran	10.145	168	847125	41.088	ng	98
56) 4-Nitrophenol	10.051	139	197474	70.976	ng	97
57) 2,4-Dinitrotoluene	10.127	165	193552	42.929	ng	100
58) Fluorene	10.492	166	644596	40.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	169747	41.087	ng	98
60) Diethylphthalate	10.357	149	638554	40.875	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	314156	40.150	ng	97
62) 4-Nitroaniline	10.504	138	135831	39.718	ng	97
63) Azobenzene	10.639	77	567396	40.437	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	72905	34.390	ng	99
66) n-Nitrosodiphenylamine	10.598	169	571003	43.937	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	197022	43.864	ng	98
68) Hexachlorobenzene	11.039	284	211910	42.656	ng	98
69) Atrazine	11.122	200	166142	48.138	ng	99
70) Pentachlorophenol	11.233	266	214707	76.550	ng	99
71) Phenanthrene	11.451	178	863437	42.532	ng	100
72) Anthracene	11.504	178	870310	42.006	ng	100
73) Carbazole	11.657	167	753408	42.536	ng	100
74) Di-n-butylphthalate	11.986	149	886880	45.744	ng	100
75) Fluoranthene	12.639	202	787754	41.528	ng	98
77) Benzidine	12.763	184	71899	9.088	ng	98
78) Pyrene	12.868	202	781676	39.414	ng	100
80) Butylbenzylphthalate	13.486	149	286040	52.196	ng	98
81) Benzo(a)anthracene	14.057	228	631985	44.517	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97190	22.571	ng	98
83) Chrysene	14.098	228	532085	41.711	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	386398	55.079	ng	99
85) Di-n-octyl phthalate	14.662	149	649611	47.358	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	747984	40.605	ng	99
88) Benzo(b)fluoranthene	15.121	252	633407	43.616	ng	98
89) Benzo(k)fluoranthene	15.157	252	556087	40.884	ng	99
90) Benzo(a)pyrene	15.504	252	591575	43.217	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	607103	40.635	ng	99
92) Benzo(g,h,i)perylene	17.539	276	593272	39.701	ng	98

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

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