Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142572.D
Acq On : 30 May 2025 16:19
Operator : RC/JU
Sample : Q2150-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-54MSD

Quant Time: May 30 17:25:20 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	119675	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	451884	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	233525	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	376587	20.000	ng	0.00
76) Chrysene-d12	14.074	240	204232	20.000	ng	0.00
86) Perylene-d12	15.568	264	234981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	626206	88.156	ng	0.00
7) Phenol-d6	6.528	99	774467	90.572	ng	0.00
23) Nitrobenzene-d5	7.463	82	460687	55.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	245306	94.646	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	923939	53.091	ng	-0.01
79) Terphenyl-d14	13.010	244	787087	52.665	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	107868	37.948	ng	99
3) Pyridine	3.504	79	294169	40.639	ng	99
4) n-Nitrosodimethylamine	3.457	42	158199	42.092	ng	94
6) Aniline	6.563	93	315467	27.438	ng	100
8) 2-Chlorophenol	6.681	128	330816	42.757	ng	98
9) Benzaldehyde	6.451	77	188917	36.733	ng	99
10) Phenol	6.540	94	399774	41.550	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	297241	42.917	ng	99
12) 1,3-Dichlorobenzene	6.840	146	361346	41.854	ng	99
13) 1,4-Dichlorobenzene	6.916	146	360999	41.510	ng	99
14) 1,2-Dichlorobenzene	7.069	146	352553	42.366	ng	99
15) Benzyl Alcohol	7.040	79	264525	41.862	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	487250	41.893	ng	97
17) 2-Methylphenol	7.151	107	254267	42.092	ng	100
18) Hexachloroethane	7.410	117	126375	41.616	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	213930	40.369	ng	99
20) 3+4-Methylphenols	7.304	107	316160	40.870	ng	96
22) Acetophenone	7.310	105	422319	42.218	ng	99
24) Nitrobenzene	7.481	77	322834	43.193	ng	100
25) Isophorone	7.722	82	577626	41.690	ng	98
26) 2-Nitrophenol	7.798	139	179840	45.031	ng	96
27) 2,4-Dimethylphenol	7.834	122	305712	43.407	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	370438	42.800	ng	99
29) 2,4-Dichlorophenol	8.039	162	272520	42.548	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297632	42.817	ng	98
31) Naphthalene	8.204	128	949483	42.672	ng	100
32) Benzoic acid	7.951	122	192119	44.812	ng	95
33) 4-Chloroaniline	8.251	127	90517	10.040	ng	98
34) Hexachlorobutadiene	8.322	225	182076	41.950	ng	99
35) Caprolactam	8.622	113	85172m	47.347	ng	
36) 4-Chloro-3-methylphenol	8.734	107	272050	41.445	ng	97
37) 2-Methylnaphthalene	8.898	142	572580	40.904	ng	99
38) 1-Methylnaphthalene	8.998	142	592334	40.908	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	295710	44.113	ng	99
41) Hexachlorocyclopentadiene	9.051	237	367045	81.167	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	199370	44.106	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	206416	43.298	ng		97
46) 1,1'-Biphenyl	9.363	154	782223	43.175	ng		100
47) 2-Chloronaphthalene	9.386	162	580508	43.368	ng		98
48) 2-Nitroaniline	9.481	65	169375	43.777	ng		98
49) Acenaphthylene	9.804	152	966376	42.755	ng		100
50) Dimethylphthalate	9.663	163	663411	43.054	ng		100
51) 2,6-Dinitrotoluene	9.722	165	146601	44.081	ng		99
52) Acenaphthene	9.975	154	647101	46.885	ng		98
53) 3-Nitroaniline	9.892	138	68290	18.800	ng		96
54) 2,4-Dinitrophenol	9.998	184	162358	94.494	ng		93
55) Dibenzofuran	10.145	168	835708	42.078	ng		99
56) 4-Nitrophenol	10.051	139	232388	86.705	ng		98
57) 2,4-Dinitrotoluene	10.128	165	196609	45.268	ng		100
58) Fluorene	10.492	166	644728	42.019	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	166679	41.881	ng		98
60) Diethylphthalate	10.363	149	645000	42.860	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	314568	41.734	ng		98
62) 4-Nitroaniline	10.510	138	141101	42.830	ng		96
63) Azobenzene	10.639	77	613439	45.384	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	102404	48.726	ng		99
66) n-Nitrosodiphenylamine	10.598	169	558179	43.324	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	192522	43.235	ng		98
68) Hexachlorobenzene	11.039	284	212135	43.073	ng		99
69) Atrazine	11.128	200	166454	48.648	ng		100
70) Pentachlorophenol	11.233	266	236131	84.922	ng		100
71) Phenanthrene	11.457	178	866540	43.057	ng		100
72) Anthracene	11.510	178	876073	42.653	ng		100
73) Carbazole	11.657	167	760532	43.312	ng		100
74) Di-n-butylphthalate	11.986	149	894989	46.565	ng		100
75) Fluoranthene	12.645	202	782953	41.635	ng		99
77) Benzidine	12.763	184	279867	36.824	ng		99
78) Pyrene	12.874	202	777772	40.824	ng		100
80) Butylbenzylphthalate	13.486	149	285871	54.303	ng		100
81) Benzo(a)anthracene	14.063	228	596751	43.758	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	88980	21.511	ng		98
83) Chrysene	14.098	228	538958	43.981	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	378894	56.222	ng		99
85) Di-n-octyl phthalate	14.663	149	640360	48.596	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	753995	42.741	ng		99
88) Benzo(b)fluoranthene	15.127	252	582813	41.907	ng		99
89) Benzo(k)fluoranthene	15.157	252	593433	45.559	ng		99
90) Benzo(a)pyrene	15.504	252	584344	44.576	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	611507	42.740	ng		99
92) Benzo(g,h,i)perylene	17.545	276	599741	41.909	ng		98

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

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