Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142571.D
Acq On : 30 May 2025 15:50
Operator : RC/JU
Sample : Q2150-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-54MS

Quant Time: May 30 17:24:08 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	123670	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460723	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	236866	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	378954	20.000	ng	0.00
76) Chrysene-d12	14.074	240	208599	20.000	ng	0.00
86) Perylene-d12	15.568	264	243037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	637889	86.900	ng	0.00
7) Phenol-d6	6.528	99	794110	89.870	ng	0.00
23) Nitrobenzene-d5	7.463	82	467633	55.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	242888	92.391	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	929576	52.661	ng	-0.01
79) Terphenyl-d14	13.010	244	783393	51.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	109776	37.372	ng	99
3) Pyridine	3.505	79	302573	40.450	ng	98
4) n-Nitrosodimethylamine	3.463	42	160959	41.443	ng	92
6) Aniline	6.563	93	316940	26.676	ng	99
8) 2-Chlorophenol	6.681	128	338147	42.293	ng	98
9) Benzaldehyde	6.445	77	193731	36.452	ng	97
10) Phenol	6.540	94	406216	40.856	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	301601	42.140	ng	99
12) 1,3-Dichlorobenzene	6.840	146	367071	41.143	ng	98
13) 1,4-Dichlorobenzene	6.916	146	369977	41.168	ng	99
14) 1,2-Dichlorobenzene	7.069	146	353989	41.165	ng	98
15) Benzyl Alcohol	7.040	79	268961	41.189	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	496978	41.349	ng	97
17) 2-Methylphenol	7.151	107	258669	41.437	ng	99
18) Hexachloroethane	7.410	117	128740	41.025	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	218260	39.855	ng	99
20) 3+4-Methylphenols	7.304	107	322695	40.368	ng	96
22) Acetophenone	7.310	105	427657	41.931	ng	99
24) Nitrobenzene	7.481	77	329801	43.279	ng	99
25) Isophorone	7.722	82	584319	41.364	ng	98
26) 2-Nitrophenol	7.798	139	182519	44.825	ng	97
27) 2,4-Dimethylphenol	7.834	122	308400	42.948	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	371689	42.120	ng	100
29) 2,4-Dichlorophenol	8.040	162	279177	42.751	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	306167	43.200	ng	98
31) Naphthalene	8.204	128	949468	41.853	ng	100
32) Benzoic acid	7.951	122	196256	44.899	ng	98
33) 4-Chloroaniline	8.251	127	83788	9.115	ng	97
34) Hexachlorobutadiene	8.322	225	184383	41.667	ng	99
35) Caprolactam	8.622	113	83353m	45.447	ng	
36) 4-Chloro-3-methylphenol	8.734	107	276787	41.358	ng	97
37) 2-Methylnaphthalene	8.898	142	586972	41.127	ng	100
38) 1-Methylnaphthalene	8.998	142	601058	40.715	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	300567	44.205	ng	99
41) Hexachlorocyclopentadiene	9.051	237	370150	80.699	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	199554	43.524	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142571.D
Acq On : 30 May 2025 15:50
Operator : RC/JU
Sample : Q2150-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-54MS

Quant Time: May 30 17:24:08 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)
44) 2,4,5-Trichlorophenol	9.216	196	209342	43.293	ng	97
46) 1,1'-Biphenyl	9.363	154	792558	43.129	ng	100
47) 2-Chloronaphthalene	9.386	162	588404	43.338	ng	99
48) 2-Nitroaniline	9.481	65	166305	42.377	ng	97
49) Acenaphthylene	9.804	152	978892	42.698	ng	100
50) Dimethylphthalate	9.663	163	676381	43.277	ng	99
51) 2,6-Dinitrotoluene	9.722	165	148602	44.053	ng	97
52) Acenaphthene	9.975	154	643854	45.992	ng	100
53) 3-Nitroaniline	9.886	138	67401	18.294	ng	99
54) 2,4-Dinitrophenol	9.998	184	161261	92.532	ng	92
55) Dibenzofuran	10.145	168	849661	42.177	ng	99
56) 4-Nitrophenol	10.051	139	237434	87.339	ng	97
57) 2,4-Dinitrotoluene	10.128	165	197146	44.751	ng	99
58) Fluorene	10.492	166	644831	41.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	171201	42.410	ng	100
60) Diethylphthalate	10.357	149	637907	41.791	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	318453	41.653	ng	97
62) 4-Nitroaniline	10.504	138	141774	42.427	ng	98
63) Azobenzene	10.639	77	611242	44.583	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	103049	48.726	ng	98
66) n-Nitrosodiphenylamine	10.598	169	566216	43.673	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	192434	42.946	ng	99
68) Hexachlorobenzene	11.039	284	213538	43.087	ng	98
69) Atrazine	11.128	200	164223	47.696	ng	99
70) Pentachlorophenol	11.233	266	235596	84.200	ng	99
71) Phenanthrene	11.451	178	847323	41.839	ng	100
72) Anthracene	11.504	178	875823	42.374	ng	100
73) Carbazole	11.657	167	742117	42.000	ng	99
74) Di-n-butylphthalate	11.986	149	879121	45.454	ng	100
75) Fluoranthene	12.645	202	773487	40.874	ng	99
77) Benzidine	12.763	184	265343	34.182	ng	99
78) Pyrene	12.874	202	751841	38.637	ng	100
80) Butylbenzylphthalate	13.486	149	280690	52.203	ng	99
81) Benzo(a)anthracene	14.063	228	612892	44.000	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	92517	21.898	ng	99
83) Chrysene	14.098	228	536134	42.835	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	383177	55.668	ng	99
85) Di-n-octyl phthalate	14.663	149	659017	48.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	773974	42.419	ng	99
88) Benzo(b)fluoranthene	15.127	252	610821	42.465	ng	99
89) Benzo(k)fluoranthene	15.157	252	581284	43.147	ng	98
90) Benzo(a)pyrene	15.504	252	600806	44.312	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	634178	42.855	ng	100
92) Benzo(g,h,i)perylene	17.545	276	619254	41.838	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142571.D
Acq On : 30 May 2025 15:50
Operator : RC/JU
Sample : Q2150-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-54MS

Quant Time: May 30 17:24:08 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