

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141650.D
 Acq On : 14 Feb 2025 20:00
 Operator : RC/JU
 Sample : Q1365-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 22:07:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	99605	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	409071	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218581	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	341392	20.000	ng	0.00
76) Chrysene-d12	13.951	240	192367	20.000	ng	-0.01
86) Perylene-d12	15.404	264	193589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	587092	92.406	ng	0.00
7) Phenol-d6	6.434	99	727831	90.637	ng	0.00
23) Nitrobenzene-d5	7.351	82	474289	60.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	189022	86.086	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	829611	58.474	ng	0.00
79) Terphenyl-d14	12.892	244	691378	60.674	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	110526	43.223	ng	97
3) Pyridine	3.299	79	233059	38.301	ng	97
4) n-Nitrosodimethylamine	3.257	42	159484	39.583	ng	95
6) Aniline	6.457	93	231053	30.673	ng	93
8) 2-Chlorophenol	6.575	128	304240	44.317	ng	99
9) Benzaldehyde	6.334	77	143959	33.736	ng	99
10) Phenol	6.446	94	370740	44.358	ng	86
11) bis(2-Chloroethyl)ether	6.522	93	292622	46.613	ng	97
12) 1,3-Dichlorobenzene	6.728	146	314427	43.383	ng	97
13) 1,4-Dichlorobenzene	6.804	146	319455	43.140	ng	99
14) 1,2-Dichlorobenzene	6.957	146	304347	44.283	ng	99
15) Benzyl Alcohol	6.934	79	253896	41.231	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	434922	40.472	ng	62
17) 2-Methylphenol	7.057	107	234319	43.616	ng	# 92
18) Hexachloroethane	7.298	117	119024	43.432	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	212701	44.282	ng	96
20) 3+4-Methylphenols	7.210	107	311590	45.638	ng	# 76
22) Acetophenone	7.198	105	462928	45.493	ng	94
24) Nitrobenzene	7.375	77	320381	41.892	ng	98
25) Isophorone	7.610	82	562460	44.978	ng	99
26) 2-Nitrophenol	7.687	139	164524	43.240	ng	96
27) 2,4-Dimethylphenol	7.734	122	242835	54.631	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	350213	43.705	ng	100
29) 2,4-Dichlorophenol	7.940	162	257677	42.905	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	270549	41.368	ng	99
31) Naphthalene	8.092	128	876275	41.152	ng	100
32) Benzoic acid	7.881	122	180067	39.001	ng	100
33) 4-Chloroaniline	8.175	127	91071	12.250	ng	99
34) Hexachlorobutadiene	8.204	225	169473	43.164	ng	100
35) Caprolactam	8.522	113	89651m	49.028	ng	
36) 4-Chloro-3-methylphenol	8.645	107	275841	41.463	ng	99
37) 2-Methylnaphthalene	8.781	142	556697	40.176	ng	99
38) 1-Methylnaphthalene	8.881	142	539579	40.206	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	301328	47.650	ng	99
41) Hexachlorocyclopentadiene	8.934	237	236962	112.659	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	175501	42.939	ng	98

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44) 2,4,5-Trichlorophenol	9.122	196	185465	41.870	ng	99
46) 1,1'-Biphenyl	9.245	154	795122	46.920	ng	99
47) 2-Chloronaphthalene	9.269	162	537388	42.884	ng	99
48) 2-Nitroaniline	9.375	65	177806	42.280	ng	97
49) Acenaphthylene	9.687	152	817515	43.861	ng	99
50) Dimethylphthalate	9.551	163	646487	43.567	ng	99
51) 2,6-Dinitrotoluene	9.616	165	140605	43.345	ng	96
52) Acenaphthene	9.857	154	513024	40.942	ng	98
53) 3-Nitroaniline	9.786	138	110092	31.532	ng	98
54) 2,4-Dinitrophenol	9.898	184	152609	79.157	ng	94
55) Dibenzofuran	10.034	168	737843	40.116	ng	99
56) 4-Nitrophenol	9.969	139	197014	76.015	ng	95
57) 2,4-Dinitrotoluene	10.022	165	184169	42.647	ng	98
58) Fluorene	10.375	166	582481	40.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	157045	41.181	ng	93
60) Diethylphthalate	10.245	149	612335	41.942	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	288093	42.109	ng	99
62) 4-Nitroaniline	10.404	138	134649	37.981	ng	97
63) Azobenzene	10.528	77	648087	44.653	ng	92
65) 4,6-Dinitro-2-methylph...	10.428	198	99575	41.988	ng	98
66) n-Nitrosodiphenylamine	10.486	169	506321	46.331	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	175543	46.008	ng	97
68) Hexachlorobenzene	10.922	284	178288	45.378	ng	99
69) Atrazine	11.016	200	182161	55.562	ng	100
70) Pentachlorophenol	11.122	266	185760	73.942	ng	99
71) Phenanthrene	11.333	178	849885	45.226	ng	100
72) Anthracene	11.386	178	841079	44.524	ng	100
73) Carbazole	11.545	167	703898	41.412	ng	99
74) Di-n-butylphthalate	11.869	149	878269	44.749	ng	100
75) Fluoranthene	12.522	202	830491	41.684	ng	100
77) Benzidine	12.657	184	161003	37.950	ng	99
78) Pyrene	12.751	202	811115	49.532	ng	100
80) Butylbenzylphthalate	13.369	149	289850	51.102	ng	99
81) Benzo(a)anthracene	13.939	228	590911	46.211	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	170196	46.464	ng	99
83) Chrysene	13.980	228	553159	46.850	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	363142	56.766	ng	100
85) Di-n-octyl phthalate	14.545	149	547360	59.977	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	502852	42.039	ng	99
88) Benzo(b)fluoranthene	14.986	252	548340	42.185	ng	99
89) Benzo(k)fluoranthene	15.016	252	494230	44.527	ng	99
90) Benzo(a)pyrene	15.345	252	504220	47.939	ng	99
91) Dibenzo(a,h)anthracene	16.863	278	404845	41.769	ng	100
92) Benzo(g,h,i)perylene	17.280	276	374582	36.931	ng	99

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

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