

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141621.D
 Acq On : 13 Feb 2025 18:08
 Operator : RC/JU
 Sample : Q1353-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

02/14/2025
 Supervised By :mohammad
 ahmed

Quant Time: Feb 14 00:35:10 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	106869	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	429721	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	227122	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	357134	20.000	ng	0.00
76) Chrysene-d12	13.951	240	214860	20.000	ng	-0.01
86) Perylene-d12	15.398	264	216685	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	696265	102.140	ng	0.00
7) Phenol-d6	6.434	99	859858	99.800	ng	0.00
23) Nitrobenzene-d5	7.351	82	571963	69.423	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	223053	97.764	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1054241	71.513	ng	0.00
79) Terphenyl-d14	12.892	244	958826	75.336	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	111749	40.731	ng	99
3) Pyridine	3.328	79	222161	34.028	ng	97
4) n-Nitrosodimethylamine	3.281	42	170865	39.525	ng	94
6) Aniline	6.457	93	121639	15.051	ng	# 62
8) 2-Chlorophenol	6.575	128	314739	42.730	ng	99
9) Benzaldehyde	6.334	77	164313	35.888	ng	98
10) Phenol	6.445	94	370041	41.265	ng	81
11) bis(2-Chloroethyl)ether	6.522	93	301390	44.747	ng	99
12) 1,3-Dichlorobenzene	6.728	146	330691	42.526	ng	97
13) 1,4-Dichlorobenzene	6.804	146	335584	42.238	ng	99
14) 1,2-Dichlorobenzene	6.957	146	317293	43.029	ng	99
15) Benzyl Alcohol	6.934	79	248575	37.623	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	468327	40.619	ng	72
17) 2-Methylphenol	7.051	107	243814	42.298	ng	95
18) Hexachloroethane	7.292	117	126750	43.107	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	220958	42.874	ng	96
20) 3+4-Methylphenols	7.210	107	319249	43.581	ng	# 74
22) Acetophenone	7.198	105	487316	45.588	ng	94
24) Nitrobenzene	7.369	77	334360	41.619	ng	99
25) Isophorone	7.610	82	582371	44.332	ng	99
26) 2-Nitrophenol	7.686	139	167751	41.969	ng	96
27) 2,4-Dimethylphenol	7.728	122	248410	53.200	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	359095	42.660	ng	99
29) 2,4-Dichlorophenol	7.939	162	264594	41.940	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	282750	41.156	ng	99
31) Naphthalene	8.092	128	931646	41.650	ng	100
32) Benzoic acid	7.875	122	190059	39.187	ng	99
33) 4-Chloroaniline	8.163	127	47809	6.122	ng	98
34) Hexachlorobutadiene	8.204	225	177773	43.102	ng	100
35) Caprolactam	8.522	113	90319m	47.019	ng	
36) 4-Chloro-3-methylphenol	8.639	107	281319	40.255	ng	99
37) 2-Methylnaphthalene	8.780	142	585551	40.227	ng	100
38) 1-Methylnaphthalene	8.880	142	566834	40.207	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	312775	47.600	ng	98
41) Hexachlorocyclopentadiene	8.933	237	296274	135.561	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	182199	42.902	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	191114	41.523	ng	99
46) 1,1'-Biphenyl	9.245	154	828781	47.068	ng	100
47) 2-Chloronaphthalene	9.269	162	560571	43.052	ng	100
48) 2-Nitroaniline	9.375	65	180377	41.278	ng	97
49) Acenaphthylene	9.686	152	851051	43.943	ng	100
50) Dimethylphthalate	9.551	163	675507	43.811	ng	100
51) 2,6-Dinitrotoluene	9.616	165	143123	42.462	ng	97
52) Acenaphthene	9.857	154	549920	42.236	ng	99
53) 3-Nitroaniline	9.786	138	75206	20.730	ng	99
54) 2,4-Dinitrophenol	9.898	184	163021	81.378	ng	93
55) Dibenzofuran	10.027	168	787107	41.185	ng	99
56) 4-Nitrophenol	9.963	139	200053	74.285	ng	97
57) 2,4-Dinitrotoluene	10.022	165	193006	43.013	ng	97
58) Fluorene	10.374	166	615901	41.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	158545	40.011	ng	96
60) Diethylphthalate	10.245	149	642172	42.331	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	296050	41.645	ng	99
62) 4-Nitroaniline	10.398	138	130186	35.341	ng	100
63) Azobenzene	10.522	77	665279	44.113	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	109017	43.944	ng	98
66) n-Nitrosodiphenylamine	10.486	169	523700	45.809	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	184690	46.272	ng	97
68) Hexachlorobenzene	10.922	284	188834	45.944	ng	98
69) Atrazine	11.016	200	190200	55.457	ng	99
70) Pentachlorophenol	11.122	266	204137	77.675	ng	99
71) Phenanthrene	11.333	178	966264	49.152	ng	100
72) Anthracene	11.386	178	889828	45.028	ng	99
73) Carbazole	11.545	167	718529	40.409	ng	100
74) Di-n-butylphthalate	11.869	149	948131	46.179	ng	100
75) Fluoranthene	12.521	202	942468	45.220	ng	100
77) Benzidine	12.651	184	82119	17.330	ng	96
78) Pyrene	12.751	202	893955	48.876	ng	100
80) Butylbenzylphthalate	13.368	149	319301	50.401	ng	99
81) Benzo(a)anthracene	13.939	228	668357	46.796	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	141607	34.612	ng	98
83) Chrysene	13.974	228	623542	47.282	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	431775	60.429	ng	100
85) Di-n-octyl phthalate	14.539	149	685134	67.215	ng	99
87) Indeno(1,2,3-cd)pyrene	16.839	276	583473	43.579	ng	100
88) Benzo(b)fluoranthene	14.980	252	640006	43.989	ng	100
89) Benzo(k)fluoranthene	15.009	252	575971	46.360	ng	98
90) Benzo(a)pyrene	15.339	252	577752	49.075	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	467594	43.101	ng	99
92) Benzo(g,h,i)perylene	17.268	276	435840	38.391	ng	100

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

Manual Integrations

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02/15/2025

