

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141442.D
 Acq On : 05 Feb 2025 13:05
 Operator : RC/JU
 Sample : PB166339BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

02/06/2025
 Supervised By :mohammad
 ahmed

Quant Time: Feb 05 13:33:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	69540	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	272946	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	150801	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	258651	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	176386	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	154350	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	614151	135.583	ng	0.00
7) Phenol-d6	6.434	99	746861	129.610	ng	0.00
23) Nitrobenzene-d5	7.357	82	499029	96.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	210807	152.483	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	926554	94.571	ng	-0.01
79) Terphenyl-d14	12.904	244	1091228	95.409	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	75743	38.021	ng	96
3) Pyridine	3.281	79	192561	40.118	ng	97
4) n-Nitrosodimethylamine	3.228	42	143225	52.234	ng	84
6) Aniline	6.451	93	185188	37.966	ng	# 3
8) 2-Chlorophenol	6.581	128	238573	49.139	ng	96
9) Benzaldehyde	6.340	77	22504	6.742	ng	98
10) Phenol	6.445	94	283733	46.450	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	214452	45.788	ng	99
12) 1,3-Dichlorobenzene	6.728	146	252480	47.164	ng	99
13) 1,4-Dichlorobenzene	6.810	146	258437	48.056	ng	99
14) 1,2-Dichlorobenzene	6.957	146	242260	48.108	ng	98
15) Benzyl Alcohol	6.934	79	210947	53.568	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	366624	45.016	ng	59
17) 2-Methylphenol	7.051	107	183589	46.527	ng	# 92
18) Hexachloroethane	7.298	117	98645	49.722	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	162704	47.519	ng	98
20) 3+4-Methylphenols	7.204	107	237802	49.083	ng	93
22) Acetophenone	7.198	105	328523	50.636	ng	99
24) Nitrobenzene	7.375	77	252507	47.060	ng	99
25) Isophorone	7.610	82	435211	48.627	ng	98
26) 2-Nitrophenol	7.692	139	126860	50.132	ng	95
27) 2,4-Dimethylphenol	7.734	122	183402m	56.941	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	262284	45.943	ng	99
29) 2,4-Dichlorophenol	7.939	162	193147	48.983	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	212618	47.216	ng	100
31) Naphthalene	8.092	128	695787	48.255	ng	100
32) Benzoic acid	7.857	122	138989	46.941	ng	93
33) 4-Chloroaniline	8.145	127	95992	19.632	ng	99
34) Hexachlorobutadiene	8.210	225	134966	51.108	ng	99
35) Caprolactam	8.510	113	60244m	46.782	ng	
36) 4-Chloro-3-methylphenol	8.639	107	214446	50.702	ng	97
37) 2-Methylnaphthalene	8.786	142	446519	48.723	ng	100
38) 1-Methylnaphthalene	8.886	142	415934	46.203	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	210589	49.087	ng	99
41) Hexachlorocyclopentadiene	8.939	237	239778	189.249	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	137710	49.041	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	146793	48.031	ng	97
46) 1,1'-Biphenyl	9.251	154	558776	47.512	ng	98
47) 2-Chloronaphthalene	9.275	162	420321	45.853	ng	98
48) 2-Nitroaniline	9.375	65	145851	50.584	ng	96
49) Acenaphthylene	9.692	152	652197	50.826	ng	99
50) Dimethylphthalate	9.557	163	496367	48.735	ng	100
51) 2,6-Dinitrotoluene	9.616	165	111896	47.316	ng	96
52) Acenaphthene	9.863	154	505025m	55.091	ng	
53) 3-Nitroaniline	9.786	138	61079	26.352	ng	99
54) 2,4-Dinitrophenol	9.898	184	123829	112.642	ng	90
55) Dibenzofuran	10.033	168	601794	49.043	ng	96
56) 4-Nitrophenol	9.963	139	178017	105.019	ng	89
57) 2,4-Dinitrotoluene	10.022	165	156908	51.247	ng	93
58) Fluorene	10.380	166	479929	50.423	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	130782	54.393	ng	97
60) Diethylphthalate	10.257	149	490998	49.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	230375	49.550	ng	96
62) 4-Nitroaniline	10.404	138	112393	49.323	ng	90
63) Azobenzene	10.533	77	478034	48.358	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	91072	59.527	ng	99
66) n-Nitrosodiphenylamine	10.492	169	414035	49.492	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	141524	48.874	ng	100
68) Hexachlorobenzene	10.928	284	152677	49.706	ng	99
69) Atrazine	11.022	200	146281	52.298	ng	98
70) Pentachlorophenol	11.127	266	182937	101.707	ng	99
71) Phenanthrene	11.345	178	723012	52.002	ng	99
72) Anthracene	11.392	178	742686	54.517	ng	100
73) Carbazole	11.551	167	649712	53.785	ng	99
74) Di-n-butylphthalate	11.880	149	753424	51.466	ng	100
75) Fluoranthene	12.533	202	760403	55.390	ng	97
77) Benzidine	12.651	184	162405	28.721	ng	99
78) Pyrene	12.763	202	786061	46.426	ng	99
80) Butylbenzylphthalate	13.380	149	297386	50.276	ng	99
81) Benzo(a)anthracene	13.951	228	591257	48.577	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	89685	23.167	ng	97
83) Chrysene	13.986	228	561085	50.299	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	377988	50.375	ng	99
85) Di-n-octyl phthalate	14.568	149	576416	49.459	ng	98
87) Indeno(1,2,3-cd)pyrene	16.874	276	522744	52.473	ng	96
88) Benzo(b)fluoranthene	15.004	252	493180	50.796	ng	98
89) Benzo(k)fluoranthene	15.033	252	460679	53.561	ng	99
90) Benzo(a)pyrene	15.363	252	453060	55.220	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	419457	52.335	ng	97
92) Benzo(g,h,i)perylene	17.304	276	390761	46.889	ng #	95

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

Manual Integrations

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