

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141230.D
 Acq On : 21 Jan 2025 12:37
 Operator : RC/JU
 Sample : PB166129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166129BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/22/2025

Quant Time: Jan 21 13:03:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	145633	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	584630	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	308578	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	490755	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	330539	20.000	ng	-0.01
86) Perylene-d12	15.445	264	362022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1426083	151.272	ng	0.00
7) Phenol-d6	6.440	99	1792844	150.134	ng	0.00
23) Nitrobenzene-d5	7.369	82	1163420	105.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	579143	164.714	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2185122	108.134	ng	-0.02
79) Terphenyl-d14	12.922	244	2228501	100.207	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	189580	45.158	ng	98
3) Pyridine	3.346	79	474303	46.072	ng	97
4) n-Nitrosodimethylamine	3.293	42	252891	50.239	ng	95
6) Aniline	6.469	93	458608	43.256	ng	94
8) 2-Chlorophenol	6.587	128	562041	55.569	ng	97
9) Benzaldehyde	6.351	77	62341	8.864	ng	99
10) Phenol	6.451	94	649600	50.817	ng	89
11) bis(2-Chloroethyl)ether	6.540	93	510958	53.635	ng	98
12) 1,3-Dichlorobenzene	6.745	146	574907	50.964	ng	99
13) 1,4-Dichlorobenzene	6.822	146	588058	51.731	ng	99
14) 1,2-Dichlorobenzene	6.975	146	558631	52.683	ng	98
15) Benzyl Alcohol	6.945	79	480461	55.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	691913	52.048	ng	96
17) 2-Methylphenol	7.057	107	440775	53.979	ng	99
18) Hexachloroethane	7.316	117	217219	52.841	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	371521	52.815	ng	99
20) 3+4-Methylphenols	7.210	107	528600	51.311	ng	# 83
22) Acetophenone	7.216	105	715616	51.490	ng	97
24) Nitrobenzene	7.387	77	563584	49.031	ng	99
25) Isophorone	7.628	82	1015561	53.882	ng	98
26) 2-Nitrophenol	7.704	139	289570	55.381	ng	99
27) 2,4-Dimethylphenol	7.739	122	444656	63.047	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	623172	52.683	ng	100
29) 2,4-Dichlorophenol	7.945	162	445497	53.185	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	485215	50.678	ng	99
31) Naphthalene	8.110	128	1593587	51.688	ng	100
32) Benzoic acid	7.863	122	341054	50.411	ng	97
33) 4-Chloroaniline	8.157	127	251802	23.616	ng	100
34) Hexachlorobutadiene	8.228	225	301687	52.293	ng	100
35) Caprolactam	8.522	113	121993m	44.485	ng	
36) 4-Chloro-3-methylphenol	8.639	107	474864	51.837	ng	98
37) 2-Methylnaphthalene	8.798	142	1046898	53.287	ng	99
38) 1-Methylnaphthalene	8.898	142	964400	49.808	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	475218	53.656	ng	99
41) Hexachlorocyclopentadiene	8.951	237	622477	214.822	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	326197	54.609	ng	100

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44) 2,4,5-Trichlorophenol	9.122	196	322493	51.120	ng	99
46) 1,1'-Biphenyl	9.263	154	1267732	52.901	ng	100
47) 2-Chloronaphthalene	9.292	162	952720	51.043	ng	99
48) 2-Nitroaniline	9.386	65	278536	50.341	ng	98
49) Acenaphthylene	9.704	152	1471657	55.187	ng	100
50) Dimethylphthalate	9.569	163	1092623	52.743	ng	100
51) 2,6-Dinitrotoluene	9.628	165	241861	50.205	ng	98
52) Acenaphthene	9.881	154	1086152	58.299	ng	100
53) 3-Nitroaniline	9.792	138	138363	28.263	ng	99
54) 2,4-Dinitrophenol	9.904	184	260054	113.570	ng	95
55) Dibenzofuran	10.051	168	1314794	51.883	ng	99
56) 4-Nitrophenol	9.963	139	383853	100.118	ng	99
57) 2,4-Dinitrotoluene	10.033	165	320141	51.566	ng	99
58) Fluorene	10.392	166	1011378	51.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	280843	53.557	ng	99
60) Diethylphthalate	10.269	149	1035862	51.219	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	499144	52.018	ng	99
62) 4-Nitroaniline	10.410	138	230000	48.002	ng	98
63) Azobenzene	10.545	77	1010533	50.639	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	178884	62.903	ng	96
66) n-Nitrosodiphenylamine	10.504	169	879899	55.588	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	320101	56.654	ng	99
68) Hexachlorobenzene	10.939	284	358396	56.983	ng	100
69) Atrazine	11.033	200	295889	69.423	ng	99
70) Pentachlorophenol	11.133	266	424359	105.356	ng	98
71) Phenanthrene	11.357	178	1462930	55.525	ng	99
72) Anthracene	11.410	178	1482760	57.878	ng	100
73) Carbazole	11.563	167	1247806	53.120	ng	100
74) Di-n-butylphthalate	11.898	149	1520898	56.575	ng	100
75) Fluoranthene	12.545	202	1431118	54.432	ng	99
77) Benzidine	12.663	184	372902	60.836	ng	99
78) Pyrene	12.774	202	1438604	45.568	ng	99
80) Butylbenzylphthalate	13.398	149	578929	55.001	ng	96
81) Benzo(a)anthracene	13.969	228	1181573	52.526	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	245393	34.259	ng	99
83) Chrysene	14.004	228	1078699	51.248	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	772088	61.133	ng	99
85) Di-n-octyl phthalate	14.592	149	1373809	72.034	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1438321	54.230	ng	99
88) Benzo(b)fluoranthene	15.027	252	1229615	52.673	ng	99
89) Benzo(k)fluoranthene	15.057	252	1119222	56.733	ng	99
90) Benzo(a)pyrene	15.386	252	1122568	58.284	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1161186	54.130	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1088593	48.787	ng	99

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

