

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141233.D
 Acq On : 21 Jan 2025 14:02
 Operator : RC/JU
 Sample : Q1123-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-1172025MSD

Quant Time: Jan 21 14:51:25 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	165395	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	646884	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	329131	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	484949	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	350866	20.000	ng	0.00
86) Perylene-d12	15.457	264	360260	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1033251	96.506	ng	0.00
7) Phenol-d6	6.439	99	1297766	95.691	ng	0.00
23) Nitrobenzene-d5	7.369	82	844261	69.182	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	389251	103.794	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1556855	72.232	ng	-0.02
79) Terphenyl-d14	12.916	244	1384649	58.655	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	194091	40.709	ng	99
3) Pyridine	3.328	79	482451	41.264	ng	96
4) n-Nitrosodimethylamine	3.275	42	255372	44.670	ng	98
6) Aniline	6.469	93	316860	26.315	ng	# 79
8) 2-Chlorophenol	6.592	128	560839	48.825	ng	97
9) Benzaldehyde	6.351	77	65785	8.236	ng	99
10) Phenol	6.451	94	673695	46.405	ng	95
11) bis(2-Chloroethyl)ether	6.539	93	530473	49.030	ng	97
12) 1,3-Dichlorobenzene	6.745	146	580638	45.322	ng	100
13) 1,4-Dichlorobenzene	6.822	146	588897	45.615	ng	99
14) 1,2-Dichlorobenzene	6.975	146	566032	47.003	ng	98
15) Benzyl Alcohol	6.945	79	484860	49.505	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	698536	46.267	ng	92
17) 2-Methylphenol	7.063	107	448833	48.398	ng	98
18) Hexachloroethane	7.316	117	217288	46.542	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	378082	47.326	ng	97
20) 3+4-Methylphenols	7.216	107	541773	46.306	ng	# 81
22) Acetophenone	7.216	105	731182	47.547	ng	96
24) Nitrobenzene	7.386	77	577421	45.400	ng	99
25) Isophorone	7.628	82	1038207	49.782	ng	99
26) 2-Nitrophenol	7.704	139	300028	51.859	ng	100
27) 2,4-Dimethylphenol	7.745	122	450639	57.746	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	645085	49.287	ng	100
29) 2,4-Dichlorophenol	7.945	162	459681	49.597	ng	100
30) 1,2,4-Trichlorobenzene	8.028	180	490421	46.292	ng	100
31) Naphthalene	8.110	128	1637440	47.999	ng	100
32) Benzoic acid	7.863	122	328186	43.840	ng	99
33) 4-Chloroaniline	8.157	127	186200	15.783	ng	100
34) Hexachlorobutadiene	8.228	225	307187	48.122	ng	99
35) Caprolactam	8.528	113	144300m	47.555	ng	
36) 4-Chloro-3-methylphenol	8.645	107	497988	49.129	ng	99
37) 2-Methylnaphthalene	8.798	142	1070368	49.238	ng	100
38) 1-Methylnaphthalene	8.898	142	979361	45.713	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	483191	51.149	ng	99
41) Hexachlorocyclopentadiene	8.951	237	354689	114.762	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	322866	50.676	ng	99

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44) 2,4,5-Trichlorophenol	9.128	196	332737	49.450	ng	98
46) 1,1'-Biphenyl	9.269	154	1280064	50.080	ng	99
47) 2-Chloronaphthalene	9.292	162	957181	48.080	ng	99
48) 2-Nitroaniline	9.386	65	296618	50.262	ng	99
49) Acenaphthylene	9.710	152	1464045	51.473	ng	99
50) Dimethylphthalate	9.569	163	1155735	52.305	ng	100
51) 2,6-Dinitrotoluene	9.633	165	251585	48.963	ng	98
52) Acenaphthene	9.880	154	1018404	51.249	ng	100
53) 3-Nitroaniline	9.798	138	153166	29.333	ng	100
54) 2,4-Dinitrophenol	9.904	184	154759	63.365	ng	96
55) Dibenzofuran	10.051	168	1341224	49.621	ng	99
56) 4-Nitrophenol	9.963	139	389663	95.287	ng	97
57) 2,4-Dinitrotoluene	10.033	165	334455	50.508	ng	99
58) Fluorene	10.392	166	1032192	49.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	275427	49.244	ng	99
60) Diethylphthalate	10.269	149	1109170	51.419	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	500828	48.934	ng	97
62) 4-Nitroaniline	10.410	138	216062	42.277	ng	98
63) Azobenzene	10.545	77	1066743	50.118	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	111732	39.760	ng	97
66) n-Nitrosodiphenylamine	10.504	169	896353	57.305	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	319768	57.273	ng	99
68) Hexachlorobenzene	10.939	284	332186	53.448	ng	99
69) Atrazine	11.033	200	295740	70.219	ng	99
70) Pentachlorophenol	11.139	266	377043	94.730	ng	99
71) Phenanthrene	11.357	178	1639668	62.979	ng	100
72) Anthracene	11.410	178	1432562	56.588	ng	100
73) Carbazole	11.563	167	1179873	50.829	ng	100
74) Di-n-butylphthalate	11.898	149	1547808	58.265	ng	100
75) Fluoranthene	12.545	202	1626088	62.588	ng	99
77) Benzidine	12.668	184	399642	61.421	ng	99
78) Pyrene	12.774	202	1618709	48.302	ng	99
80) Butylbenzylphthalate	13.398	149	550022	49.227	ng	99
81) Benzo(a)anthracene	13.968	228	1298905	54.397	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	268955	35.373	ng	99
83) Chrysene	14.010	228	1227001	54.917	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	758248	56.559	ng	100
85) Di-n-octyl phthalate	14.598	149	1294778	63.957	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1066071	40.391	ng	98
88) Benzo(b)fluoranthene	15.033	252	1467226	63.159	ng	100
89) Benzo(k)fluoranthene	15.062	252	1051916	53.582	ng	100
90) Benzo(a)pyrene	15.398	252	1169773	61.032	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	842802	39.480	ng	98
92) Benzo(g,h,i)perylene	17.351	276	770412	34.696	ng	99

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

