

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141274.D
 Acq On : 27 Jan 2025 15:58
 Operator : RC/JU
 Sample : Q1169-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

01/28/2025
 Supervised By :mohammad
 ahmed

Quant Time: Jan 27 16:18:55 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	142441	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	546443	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	278078	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	436550	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	327616	20.000	ng	0.00
86) Perylene-d12	15.439	264	386172	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1146716	124.364	ng	0.00
7) Phenol-d6	6.445	99	1384805	118.563	ng	0.00
23) Nitrobenzene-d5	7.369	82	946308	91.798	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	469302	148.114	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1790366	98.317	ng	-0.02
79) Terphenyl-d14	12.921	244	1767555	80.189	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.687	88	145650m	35.472	ng	
3) Pyridine	3.410	79	393615	39.091	ng	96
4) n-Nitrosodimethylamine	3.328	42	199077	40.435	ng	96
6) Aniline	6.469	93	166225	16.030	ng	# 13
8) 2-Chlorophenol	6.592	128	477802	48.299	ng	96
9) Benzaldehyde	6.357	77	38557	5.605	ng	96
10) Phenol	6.457	94	525726	42.048	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	431114	46.268	ng	97
12) 1,3-Dichlorobenzene	6.745	146	400649	36.312	ng	98
13) 1,4-Dichlorobenzene	6.822	146	413992	37.235	ng	99
14) 1,2-Dichlorobenzene	6.975	146	402903	38.848	ng	98
15) Benzyl Alcohol	6.951	79	414788	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	552431	42.487	ng	90
17) 2-Methylphenol	7.063	107	387869	48.564	ng	99
18) Hexachloroethane	7.316	117	149572	37.200	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	319732	46.471	ng	95
20) 3+4-Methylphenols	7.216	107	472921	46.935	ng	# 80
22) Acetophenone	7.216	105	613076	47.195	ng	97
24) Nitrobenzene	7.386	77	477509	44.445	ng	99
25) Isophorone	7.628	82	878506	49.867	ng	98
26) 2-Nitrophenol	7.704	139	251205	51.401	ng	99
27) 2,4-Dimethylphenol	7.739	122	384370	58.308	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	541249	48.955	ng	100
29) 2,4-Dichlorophenol	7.945	162	399914	51.080	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	395702	44.217	ng	100
31) Naphthalene	8.110	128	1323520	45.928	ng	100
32) Benzoic acid	7.857	122	279524m	44.203	ng	
33) 4-Chloroaniline	8.157	127	81542	8.182	ng	99
34) Hexachlorobutadiene	8.228	225	231282	42.891	ng	99
35) Caprolactam	8.522	113	102559	40.012	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	424852	49.618	ng	99
37) 2-Methylnaphthalene	8.798	142	900042	49.013	ng	100
38) 1-Methylnaphthalene	8.898	142	846188	46.757	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	417758	52.342	ng	98
41) Hexachlorocyclopentadiene	8.951	237	472502	180.949	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	290208	53.912	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	297720	52.369	ng	98
46) 1,1'-Biphenyl	9.263	154	1126147	52.147	ng	100
47) 2-Chloronaphthalene	9.292	162	840350	49.961	ng	99
48) 2-Nitroaniline	9.386	65	247293	49.597	ng	97
49) Acenaphthylene	9.704	152	1309476	54.491	ng	100
50) Dimethylphthalate	9.569	163	1008135	54.002	ng	99
51) 2,6-Dinitrotoluene	9.628	165	222261	51.197	ng	99
52) Acenaphthene	9.880	154	959706	57.162	ng	100
53) 3-Nitroaniline	9.792	138	69737	15.808	ng	99
54) 2,4-Dinitrophenol	9.904	184	220732	106.970	ng	95
55) Dibenzofuran	10.051	168	1172480	51.342	ng	100
56) 4-Nitrophenol	9.963	139	343016	99.279	ng	99
57) 2,4-Dinitrotoluene	10.033	165	294515	52.641	ng	98
58) Fluorene	10.392	166	901308	50.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	253105	53.562	ng	98
60) Diethylphthalate	10.269	149	940372	51.597	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	446268	51.608	ng	99
62) 4-Nitroaniline	10.410	138	197300	45.693	ng	99
63) Azobenzene	10.545	77	904504	50.297	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	155910	61.632	ng	97
66) n-Nitrosodiphenylamine	10.504	169	791712	56.227	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	291359	57.970	ng	100
68) Hexachlorobenzene	10.939	284	318402	56.910	ng	99
69) Atrazine	11.033	200	258588	68.205	ng	97
70) Pentachlorophenol	11.139	266	374470	104.514	ng	99
71) Phenanthrene	11.357	178	1300288	55.480	ng	99
72) Anthracene	11.410	178	1317295	57.804	ng	100
73) Carbazole	11.563	167	1133602	54.250	ng	99
74) Di-n-butylphthalate	11.898	149	1341877	56.113	ng	99
75) Fluoranthene	12.545	202	1288214	55.080	ng	99
77) Benzidine	12.669	184	106522	17.533	ng	# 90
78) Pyrene	12.774	202	1314460	42.007	ng	100
80) Butylbenzylphthalate	13.398	149	536294	51.405	ng	96
81) Benzo(a)anthracene	13.968	228	1174724	52.687	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	131998	18.593	ng	100
83) Chrysene	14.004	228	1071145	51.343	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	696119	55.610	ng	100
85) Di-n-octyl phthalate	14.586	149	1249411	66.096	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1519450	53.706	ng	98
88) Benzo(b)fluoranthene	15.021	252	1371280	55.068	ng	100
89) Benzo(k)fluoranthene	15.051	252	1061523	50.443	ng	100
90) Benzo(a)pyrene	15.386	252	1183160	57.588	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1228875	53.703	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1163595	48.887	ng	99

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

