

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126476.D
 Acq On : 4 Jan 2022 19:34
 Operator : JU/CG
 Sample : M5338-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(9.5-10)MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 02:00:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	135298	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	565944	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	262484	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	420726	20.000	ng	0.00
76) Chrysene-d12	13.951	240	230084	20.000	ng	0.00
86) Perylene-d12	15.386	264	227243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1014357	107.664	ng	0.02
7) Phenol-d6	6.428	99	1299754	106.513	ng	0.00
23) Nitrobenzene-d5	7.351	82	861288	78.142	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	251520	124.003	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1181235	79.192	ng	0.00
79) Terphenyl-d14	12.898	244	998314	84.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	216645	45.855	ng	98
3) Pyridine	3.316	79	479214	37.603	ng	99
4) n-Nitrosodimethylamine	3.275	42	233080	44.484	ng	97
6) Aniline	6.445	93	307874	20.290	ng	# 91
8) 2-Chlorophenol	6.569	128	484629	51.580	ng	95
9) Benzaldehyde	6.334	77	318887	42.213	ng	96
10) Phenol	6.440	94	596292	43.787	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	508197	48.874	ng	96
12) 1,3-Dichlorobenzene	6.728	146	457853	48.764	ng	97
13) 1,4-Dichlorobenzene	6.804	146	461782	49.273	ng	98
14) 1,2-Dichlorobenzene	6.957	146	454150	49.734	ng	97
15) Benzyl Alcohol	6.928	79	418808	49.053	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	788298	48.271	ng	99
17) 2-Methylphenol	7.045	107	394270	47.705	ng	100
18) Hexachloroethane	7.298	117	187151	50.121	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	313851	45.072	ng	97
20) 3+4-Methylphenols	7.198	107	431890	43.893	ng	91
22) Acetophenone	7.198	105	621109	47.472	ng	96
24) Nitrobenzene	7.369	77	507521	46.014	ng	96
25) Isophorone	7.610	82	945606	47.924	ng	98
26) 2-Nitrophenol	7.687	139	253991	51.946	ng	95
27) 2,4-Dimethylphenol	7.728	122	420525	55.004	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	611675	47.455	ng	97
29) 2,4-Dichlorophenol	7.928	162	356446	51.059	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	361477	49.683	ng	98
31) Naphthalene	8.092	128	1318637	49.364	ng	99
32) Benzoic acid	7.869	122	343529	59.883	ng	95
33) 4-Chloroaniline	8.134	127	107402	9.597	ng	97
34) Hexachlorobutadiene	8.210	225	176859	50.013	ng	98
35) Caprolactam	8.516	113	139577m	78.593	ng	
36) 4-Chloro-3-methylphenol	8.634	107	417903	49.051	ng	95
37) 2-Methylnaphthalene	8.781	142	835397	53.014	ng	99
38) 1-Methylnaphthalene	8.881	142	767252	50.360	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	280311	49.145	ng	99
41) Hexachlorocyclopentadiene	8.939	237	298014	128.331	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	216692	51.371	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	223765	49.283	ng	99
46) 1,1'-Biphenyl	9.251	154	952827	49.493	ng	99
47) 2-Chloronaphthalene	9.275	162	701990	48.142	ng	99
48) 2-Nitroaniline	9.369	65	258127	43.837	ng	92
49) Acenaphthylene	9.686	152	1086580	49.132	ng	99
50) Dimethylphthalate	9.557	163	801290	48.900	ng	100
51) 2,6-Dinitrotoluene	9.616	165	183848	51.952	ng	90
52) Acenaphthene	9.863	154	768176m	52.982	ng	
53) 3-Nitroaniline	9.775	138	98972	20.398	ng	99
54) 2,4-Dinitrophenol	9.892	184	183339	99.773	ng	# 80
55) Dibenzofuran	10.033	168	926064	47.247	ng	98
56) 4-Nitrophenol	9.951	139	340019	98.535	ng	96
57) 2,4-Dinitrotoluene	10.016	165	244676	53.590	ng	95
58) Fluorene	10.375	166	667389	48.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	168499	51.705	ng	94
60) Diethylphthalate	10.251	149	780487	49.422	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	289169	47.815	ng	94
62) 4-Nitroaniline	10.398	138	200226	43.816	ng	93
63) Azobenzene	10.528	77	922582	45.354	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	119236	52.334	ng	97
66) n-Nitrosodiphenylamine	10.486	169	629656	48.238	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	185818	49.759	ng	99
68) Hexachlorobenzene	10.927	284	225171	51.837	ng	# 91
69) Atrazine	11.016	200	193590	86.130	ng	98
70) Pentachlorophenol	11.122	266	223505	105.866	ng	98
71) Phenanthrene	11.339	178	1033268	48.038	ng	100
72) Anthracene	11.386	178	1059301	49.218	ng	100
73) Carbazole	11.545	167	967625	45.912	ng	99
74) Di-n-butylphthalate	11.874	149	1210191	50.437	ng	99
75) Fluoranthene	12.522	202	976451	49.739	ng	98
77) Benzidine	12.645	184	330078	90.237	ng	100
78) Pyrene	12.751	202	980378	50.420	ng	98
80) Butylbenzylphthalate	13.374	149	458516	53.216	ng	90
81) Benzo(a)anthracene	13.939	228	620006	46.857	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	183210	29.679	ng	# 96
83) Chrysene	13.974	228	680884	50.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	510504	57.172	ng	99
85) Di-n-octyl phthalate	14.545	149	943322	60.915	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	807989	53.129	ng	99
88) Benzo(b)fluoranthene	14.974	252	693050	51.196	ng	98
89) Benzo(k)fluoranthene	15.004	252	656729	50.080	ng	99
90) Benzo(a)pyrene	15.327	252	678007	59.732	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	668866	54.504	ng	99
92) Benzo(g,h,i)perylene	17.245	276	726992	55.634	ng	97

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

