

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126470.D
 Acq On : 4 Jan 2022 16:27
 Operator : JU/CG
 Sample : M5223-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 01:59:14 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	125870	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	516257	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	222739	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	314106	20.000	ng	0.00
76) Chrysene-d12	13.951	240	178680	20.000	ng	0.00
86) Perylene-d12	15.386	264	218361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	956164	109.089	ng	0.02
7) Phenol-d6	6.428	99	1187274	104.583	ng	0.00
23) Nitrobenzene-d5	7.351	82	777321	77.311	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	194496	113.000	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1001763	79.143	ng	0.00
79) Terphenyl-d14	12.892	244	664850	72.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	202050	45.969	ng	99
3) Pyridine	3.316	79	450127	37.966	ng	99
4) n-Nitrosodimethylamine	3.240	42	214939	44.095	ng	94
6) Aniline	6.440	93	11245m	0.797	ng	
8) 2-Chlorophenol	6.575	128	434916	49.756	ng	94
9) Benzaldehyde	6.334	77	300112	42.704	ng	96
10) Phenol	6.440	94	562841	44.427	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	666780	68.928	ng	90
12) 1,3-Dichlorobenzene	6.728	146	427114	48.898	ng	98
13) 1,4-Dichlorobenzene	6.804	146	433237	49.690	ng	99
14) 1,2-Dichlorobenzene	6.957	146	419279	49.354	ng	96
15) Benzyl Alcohol	6.934	79	376064	47.346	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	727188	47.864	ng	97
17) 2-Methylphenol	7.045	107	350853	45.631	ng	98
18) Hexachloroethane	7.298	117	171264	49.302	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	282087	43.545	ng	98
20) 3+4-Methylphenols	7.198	107	384885	42.046	ng	90
22) Acetophenone	7.192	105	568489	47.632	ng	# 99
24) Nitrobenzene	7.369	77	469978	46.712	ng	96
25) Isophorone	7.610	82	833890	46.330	ng	99
26) 2-Nitrophenol	7.687	139	229868	51.537	ng	96
27) 2,4-Dimethylphenol	7.728	122	348098	49.912	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	545185	46.367	ng	98
29) 2,4-Dichlorophenol	7.934	162	309420	48.589	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	328904	49.557	ng	99
31) Naphthalene	8.092	128	1182460	48.526	ng	100
32) Benzoic acid	7.857	122	293336	56.507	ng	97
33) 4-Chloroaniline	8.169	127	342994	33.600	ng	96
34) Hexachlorobutadiene	8.210	225	161049	49.925	ng	98
35) Caprolactam	8.510	113	107179m	66.159	ng	
36) 4-Chloro-3-methylphenol	8.628	107	339507	43.685	ng	97
37) 2-Methylnaphthalene	8.781	142	732841	50.982	ng	99
38) 1-Methylnaphthalene	8.881	142	678653	48.832	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	248992	51.444	ng	99
41) Hexachlorocyclopentadiene	8.939	237	273045	138.559	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	181447	50.691	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	187224	48.593	ng	97
46) 1,1'-Biphenyl	9.245	154	824291	50.457	ng	98
47) 2-Chloronaphthalene	9.275	162	615427	49.736	ng	99
48) 2-Nitroaniline	9.369	65	210219	42.072	ng	89
49) Acenaphthylene	9.686	152	928019	49.450	ng	99
50) Dimethylphthalate	9.551	163	644728	46.366	ng	99
51) 2,6-Dinitrotoluene	9.610	165	147029	48.961	ng	98
52) Acenaphthene	9.863	154	641932m	52.175	ng	
53) 3-Nitroaniline	9.781	138	151599	36.819	ng	86
54) 2,4-Dinitrophenol	9.886	184	142636	91.806	ng	92
55) Dibenzofuran	10.033	168	776249	46.671	ng	99
56) 4-Nitrophenol	9.945	139	255385	87.214	ng	95
57) 2,4-Dinitrotoluene	10.016	165	184254	47.557	ng	90
58) Fluorene	10.375	166	536606	45.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	132207	47.807	ng	94
60) Diethylphthalate	10.251	149	610055	45.523	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	238681	46.509	ng	94
62) 4-Nitroaniline	10.392	138	145817	37.603	ng	91
63) Azobenzene	10.528	77	741534	42.959	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	86551	50.883	ng	90
66) n-Nitrosodiphenylamine	10.486	169	492873	50.576	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	147847	53.030	ng	98
68) Hexachlorobenzene	10.922	284	172064	53.057	ng	98
69) Atrazine	11.016	200	132717	79.090	ng	95
70) Pentachlorophenol	11.116	266	160912	102.089	ng	99
71) Phenanthrene	11.333	178	796118	49.576	ng	99
72) Anthracene	11.386	178	810779	50.458	ng	99
73) Carbazole	11.539	167	702663	44.657	ng	99
74) Di-n-butylphthalate	11.875	149	907485	50.659	ng	100
75) Fluoranthene	12.522	202	707865	48.297	ng	99
77) Benzidine	12.645	184	205563	71.355	ng	99
78) Pyrene	12.751	202	706798	46.807	ng	99
80) Butylbenzylphthalate	13.374	149	326567	48.806	ng	87
81) Benzo(a)anthracene	13.939	228	490638	47.747	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	176540	36.826	ng	99
83) Chrysene	13.974	228	526763	49.976	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	385602	55.608	ng	100
85) Di-n-octyl phthalate	14.545	149	785915	65.351	ng	96
87) Indeno(1,2,3-cd)pyrene	16.809	276	797233	54.554	ng	100
88) Benzo(b)fluoranthene	14.974	252	629378	48.384	ng	99
89) Benzo(k)fluoranthene	15.004	252	610791	48.471	ng	100
90) Benzo(a)pyrene	15.333	252	642078	58.868	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	663504	56.267	ng	98
92) Benzo(g,h,i)perylene	17.245	276	716373	57.051	ng	99

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

