

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127661.D
 Acq On : 06 Apr 2022 21:35
 Operator : CG\JU
 Sample : N2254-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 02:40:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	96327	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	357990	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	204795	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	395544	20.000	ng	0.00
76) Chrysene-d12	14.157	240	305895	20.000	ng	0.00
86) Perylene-d12	15.680	264	268415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	763502	128.792	ng	0.01
7) Phenol-d6	6.581	99	927884	119.645	ng	0.00
23) Nitrobenzene-d5	7.528	82	738706	91.993	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	311404	142.890	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1296166	89.535	ng	0.00
79) Terphenyl-d14	13.098	244	1656910	89.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.951	88	121128	43.078	ng	87
3) Pyridine	3.657	79	232906	31.449	ng	84
4) n-Nitrosodimethylamine	3.622	42	192011	48.210	ng	99
6) Aniline	6.628	93	245474m	26.539	ng	
8) 2-Chlorophenol	6.751	128	317079	52.728	ng	93
9) Benzaldehyde	6.516	77	133401	32.823	ng	98
10) Phenol	6.598	94	363137	46.828	ng	95
11) bis(2-Chloroethyl)ether	6.698	93	327148	51.084	ng	93
12) 1,3-Dichlorobenzene	6.910	146	342678	49.871	ng	95
13) 1,4-Dichlorobenzene	6.986	146	346331	49.861	ng	99
14) 1,2-Dichlorobenzene	7.133	146	331864	49.984	ng	98
15) Benzyl Alcohol	7.104	79	329175	48.551	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.239	45	498238	49.288	ng	98
17) 2-Methylphenol	7.204	107	262909	50.261	ng	99
18) Hexachloroethane	7.481	117	132197	49.877	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	254075	50.653	ng	99
20) 3+4-Methylphenols	7.357	107	334583	50.193	ng	# 57
22) Acetophenone	7.375	105	461586	47.983	ng	# 84
24) Nitrobenzene	7.551	77	394115	50.631	ng	99
25) Isophorone	7.786	82	725895	51.806	ng	98
26) 2-Nitrophenol	7.863	139	149164	53.322	ng	94
27) 2,4-Dimethylphenol	7.892	122	301655	55.077	ng	95
28) bis(2-Chloroethoxy)met...	7.992	93	413459	47.855	ng	99
29) 2,4-Dichlorophenol	8.098	162	285680	48.420	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	317269	46.724	ng	97
31) Naphthalene	8.275	128	904775	48.232	ng	99
32) Benzoic acid	7.998	122	192436	48.429	ng	97
33) 4-Chloroaniline	8.310	127	90440	12.242	ng	98
34) Hexachlorobutadiene	8.386	225	210134	44.987	ng	98
35) Caprolactam	8.686	113	79252m	45.448	ng	
36) 4-Chloro-3-methylphenol	8.792	107	310701	50.229	ng	99
37) 2-Methylnaphthalene	8.963	142	615624	49.068	ng	100
38) 1-Methylnaphthalene	9.063	142	594542	49.095	ng	98
40) 1,2,4,5-Tetrachloroben...	9.127	216	312571	46.534	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	424262	104.854	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	219331	48.096	ng	98

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44) 2,4,5-Trichlorophenol	9.275	196	233377	50.716	ng	99
46) 1,1'-Biphenyl	9.427	154	763041	48.718	ng	99
47) 2-Chloronaphthalene	9.457	162	596250	47.905	ng	98
48) 2-Nitroaniline	9.551	65	216324	55.960	ng	92
49) Acenaphthylene	9.874	152	997743	52.702	ng	99
50) Dimethylphthalate	9.733	163	748784	50.441	ng	100
51) 2,6-Dinitrotoluene	9.792	165	156297	55.857	ng	95
52) Acenaphthene	10.045	154	658677	55.223	ng	99
53) 3-Nitroaniline	9.957	138	73640	24.912	ng	93
54) 2,4-Dinitrophenol	10.069	184	144900	102.856	ng	93
55) Dibenzofuran	10.222	168	862804	49.571	ng	97
56) 4-Nitrophenol	10.116	139	241490	104.007	ng	87
57) 2,4-Dinitrotoluene	10.198	165	214127	61.723	ng	# 88
58) Fluorene	10.563	166	655435	50.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.333	232	198873	49.597	ng	96
60) Diethylphthalate	10.433	149	717753	50.527	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	347179	49.133	ng	96
62) 4-Nitroaniline	10.580	138	152866	54.908	ng	91
63) Azobenzene	10.716	77	783720	49.374	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	94171	49.292	ng	92
66) n-Nitrosodiphenylamine	10.674	169	596313	47.868	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	226523	47.188	ng	# 91
68) Hexachlorobenzene	11.110	284	254814	48.558	ng	98
69) Atrazine	11.198	200	205255	49.591	ng	96
70) Pentachlorophenol	11.304	266	298897	95.367	ng	98
71) Phenanthrene	11.533	178	1020550	48.697	ng	100
72) Anthracene	11.586	178	1046802	50.496	ng	99
73) Carbazole	11.733	167	953233	49.073	ng	99
74) Di-n-butylphthalate	12.063	149	1159575	49.937	ng	99
75) Fluoranthene	12.721	202	1204171	52.655	ng	99
77) Benzidine	12.839	184	68279	8.552	ng	98
78) Pyrene	12.957	202	1234056	47.775	ng	99
80) Butylbenzylphthalate	13.568	149	478855	49.789	ng	97
81) Benzo(a)anthracene	14.145	228	1035808	50.699	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	190029	29.835	ng	97
83) Chrysene	14.186	228	968130	49.366	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	661395	48.788	ng	98
85) Di-n-octyl phthalate	14.751	149	1037532	52.342	ng	95
87) Indeno(1,2,3-cd)pyrene	17.250	276	967651	57.700	ng	99
88) Benzo(b)fluoranthene	15.227	252	884206	51.207	ng	99
89) Benzo(k)fluoranthene	15.262	252	879194	51.338	ng	99
90) Benzo(a)pyrene	15.615	252	861388	61.376	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	828155	60.948	ng	98
92) Benzo(g,h,i)perylene	17.733	276	839379	60.256	ng	98

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

