

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126473.D
 Acq On : 4 Jan 2022 18:00
 Operator : JU/CG
 Sample : M5331-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 02:00:03 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	6.786	152	136304	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	578510	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	263791	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	399598	20.000	ng	0.00
76) Chrysene-d12	13.951	240	206202	20.000	ng	0.00
86) Perylene-d12	15.386	264	219781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1091911	115.041	ng	0.03
7) Phenol-d6	6.428	99	1265366	102.930	ng	0.00
23) Nitrobenzene-d5	7.351	82	1005510	89.245	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	285888	140.249	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1319120	87.997	ng	0.00
79) Terphenyl-d14	12.898	244	1063203	100.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	203509	42.757	ng	# 86
3) Pyridine	3.434	79	321312	25.026	ng	96
4) n-Nitrosodimethylamine	3.334	42	231262	43.812	ng	99
6) Aniline	6.451	93	185323	12.123	ng	# 85
8) 2-Chlorophenol	6.575	128	491042	51.877	ng	95
9) Benzaldehyde	6.339	77	250267	32.885	ng	91
10) Phenol	6.445	94	517995	37.757	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	566048	54.035	ng	95
12) 1,3-Dichlorobenzene	6.728	146	471206	49.816	ng	99
13) 1,4-Dichlorobenzene	6.804	146	469707	49.748	ng	98
14) 1,2-Dichlorobenzene	6.957	146	457399	49.720	ng	97
15) Benzyl Alcohol	6.933	79	428131	49.775	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	822139	49.972	ng	99
17) 2-Methylphenol	7.045	107	389702	46.804	ng	99
18) Hexachloroethane	7.298	117	192279	51.114	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	333652	47.562	ng	97
20) 3+4-Methylphenols	7.198	107	418887	42.257	ng	# 85
22) Acetophenone	7.198	105	640078	47.859	ng	# 96
24) Nitrobenzene	7.369	77	532293	47.212	ng	98
25) Isophorone	7.610	82	986209	48.897	ng	99
26) 2-Nitrophenol	7.686	139	259405	51.901	ng	99
27) 2,4-Dimethylphenol	7.728	122	436009	55.790	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	636961	48.343	ng	99
29) 2,4-Dichlorophenol	7.933	162	355998	49.888	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	369794	49.722	ng	100
31) Naphthalene	8.092	128	1343146	49.189	ng	99
32) Benzoic acid	7.863	122	327863	56.380	ng	98
33) 4-Chloroaniline	8.139	127	113623	9.933	ng	97
34) Hexachlorobutadiene	8.210	225	182011	50.351	ng	99
35) Caprolactam	8.516	113	95651m	52.690	ng	
36) 4-Chloro-3-methylphenol	8.627	107	414747	47.624	ng	97
37) 2-Methylnaphthalene	8.780	142	844706	52.440	ng	99
38) 1-Methylnaphthalene	8.880	142	787312	50.554	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	289109	50.436	ng	99
41) Hexachlorocyclopentadiene	8.939	237	301557	129.213	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	216456	51.061	ng	95

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44) 2,4,5-Trichlorophenol	9.104	196	230876	50.598	ng	98
46) 1,1'-Biphenyl	9.251	154	970933	50.184	ng	100
47) 2-Chloronaphthalene	9.274	162	724987	49.473	ng	99
48) 2-Nitroaniline	9.369	65	262238	44.315	ng	92
49) Acenaphthylene	9.686	152	1110207	49.951	ng	100
50) Dimethylphthalate	9.557	163	843335	51.211	ng	100
51) 2,6-Dinitrotoluene	9.616	165	183247	51.525	ng	91
52) Acenaphthene	9.863	154	795595m	54.601	ng	
53) 3-Nitroaniline	9.780	138	94017	19.281	ng	84
54) 2,4-Dinitrophenol	9.892	184	204740	110.422	ng	90
55) Dibenzofuran	10.033	168	922374	46.826	ng	97
56) 4-Nitrophenol	9.951	139	292357	84.303	ng	96
57) 2,4-Dinitrotoluene	10.022	165	237220	51.700	ng	89
58) Fluorene	10.374	166	667480	47.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	169953	51.893	ng	95
60) Diethylphthalate	10.257	149	779755	49.131	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	287402	47.287	ng	97
62) 4-Nitroaniline	10.398	138	195283	42.522	ng	92
63) Azobenzene	10.527	77	930640	45.524	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	121184	56.001	ng	90
66) n-Nitrosodiphenylamine	10.492	169	624151	50.345	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	187815	52.953	ng	94
68) Hexachlorobenzene	10.927	284	221031	53.575	ng	95
69) Atrazine	11.016	200	181397	84.972	ng	97
70) Pentachlorophenol	11.121	266	228309	113.859	ng	98
71) Phenanthrene	11.339	178	1003028	49.097	ng	100
72) Anthracene	11.392	178	1031878	50.479	ng	99
73) Carbazole	11.545	167	921354	46.028	ng	98
74) Di-n-butylphthalate	11.874	149	1155252	50.693	ng	99
75) Fluoranthene	12.521	202	906340	48.608	ng	97
77) Benzidine	12.639	184	140371	40.143	ng	98
78) Pyrene	12.751	202	933114	53.547	ng	100
80) Butylbenzylphthalate	13.374	149	418203	54.159	ng	92
81) Benzo(a)anthracene	13.939	228	582961	49.160	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	140833	25.456	ng	99
83) Chrysene	13.974	228	634363	52.151	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	460367	57.528	ng	98
85) Di-n-octyl phthalate	14.545	149	853342	61.487	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	841072	57.182	ng	99
88) Benzo(b)fluoranthene	14.974	252	662959	50.636	ng	99
89) Benzo(k)fluoranthene	15.004	252	636106	50.154	ng	98
90) Benzo(a)pyrene	15.327	252	659963	60.117	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	690408	58.170	ng	98
92) Benzo(g,h,i)perylene	17.245	276	756125	59.828	ng	98

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

