

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127252.D
 Acq On : 08 Mar 2022 11:52
 Operator : CG\JU
 Sample : PB143106BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143106BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2022
 Supervised By : Jagrut Upadhyay 03/09/2022

Quant Time: Mar 08 16:03:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	87281	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	347312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	177724	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	313715	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	195754	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	158332	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	720853	127.649	ng	0.02
7) Phenol-d6	6.522	99	930142	122.066	ng	0.00
23) Nitrobenzene-d5	7.451	82	638628	82.997	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	300422	146.816	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1113814	92.261	ng	0.00
79) Terphenyl-d14	13.004	244	1267432	95.179	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	97535	37.744	ng	97
3) Pyridine	3.498	79	287232	42.378	ng	98
4) n-Nitrosodimethylamine	3.463	42	166651	50.192	ng	# 75
6) Aniline	6.545	93	319513	35.389	ng	96
8) 2-Chlorophenol	6.669	128	301788	49.807	ng	94
9) Benzaldehyde	6.433	77	186181	40.139	ng	99
10) Phenol	6.533	94	371067	48.194	ng	76
11) bis(2-Chloroethyl)ether	6.616	93	273029	45.211	ng	98
12) 1,3-Dichlorobenzene	6.822	146	307249	47.008	ng	98
13) 1,4-Dichlorobenzene	6.898	146	314952	47.530	ng	99
14) 1,2-Dichlorobenzene	7.051	146	300289	47.521	ng	97
15) Benzyl Alcohol	7.028	79	275996	42.994	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	354210	37.248	ng	84
17) 2-Methylphenol	7.139	107	247507	47.214	ng	# 89
18) Hexachloroethane	7.386	117	118833	46.786	ng	91
19) n-Nitroso-di-n-propyla...	7.298	70	214910	43.769	ng	# 96
20) 3+4-Methylphenols	7.292	107	306378	45.007	ng	# 88
22) Acetophenone	7.292	105	417223	45.626	ng	96
24) Nitrobenzene	7.469	77	334987	46.085	ng	98
25) Isophorone	7.704	82	599230	47.063	ng	# 98
26) 2-Nitrophenol	7.780	139	155687	50.305	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	255962	50.345	ng	89
28) bis(2-Chloroethoxy)met...	7.910	93	336544	43.599	ng	99
29) 2,4-Dichlorophenol	8.027	162	227954	47.690	ng	95
30) 1,2,4-Trichlorobenzene	8.104	180	258290	48.333	ng	98
31) Naphthalene	8.186	128	848308	46.790	ng	99
32) Benzoic acid	7.963	122	134505	37.304	ng	# 82
33) 4-Chloroaniline	8.233	127	133760	18.744	ng	98
34) Hexachlorobutadiene	8.292	225	156567	50.184	ng	95
35) Caprolactam	8.622	113	73123m	43.807	ng	
36) 4-Chloro-3-methylphenol	8.727	107	286662	46.925	ng	99
37) 2-Methylnaphthalene	8.880	142	548666	46.638	ng	97
38) 1-Methylnaphthalene	8.980	142	526071	46.697	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	238097	50.894	ng	98
41) Hexachlorocyclopentadiene	9.027	237	261790	103.174	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	163591	47.676	ng	95

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44) 2,4,5-Trichlorophenol	9.204	196	169940	47.065	ng	93
46) 1,1'-Biphenyl	9.345	154	681182	48.377	ng	97
47) 2-Chloronaphthalene	9.369	162	520787	49.875	ng	94
48) 2-Nitroaniline	9.474	65	186079	45.160	ng	93
49) Acenaphthylene	9.786	152	848183	50.007	ng	99
50) Dimethylphthalate	9.651	163	606699	47.758	ng	99
51) 2,6-Dinitrotoluene	9.716	165	132744	51.360	ng	95
52) Acenaphthene	9.963	154	474291	42.997	ng	95
53) 3-Nitroaniline	9.886	138	87937	27.834	ng	90
54) 2,4-Dinitrophenol	9.998	184	132298	96.709	ng	# 88
55) Dibenzofuran	10.133	168	702587	46.320	ng	93
56) 4-Nitrophenol	10.063	139	185463	79.481	ng	# 82
57) 2,4-Dinitrotoluene	10.121	165	176399	50.478	ng	# 94
58) Fluorene	10.474	166	570734	48.306	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	132065	46.135	ng	92
60) Diethylphthalate	10.345	149	629493	47.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	270618	48.575	ng	96
62) 4-Nitroaniline	10.510	138	140785	45.126	ng	# 79
63) Azobenzene	10.627	77	636372	43.054	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	88287	47.897	ng	97
66) n-Nitrosodiphenylamine	10.586	169	507404	49.325	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	177897	50.753	ng	95
68) Hexachlorobenzene	11.021	284	196402	52.049	ng	94
69) Atrazine	11.116	200	169076	52.993	ng	97
70) Pentachlorophenol	11.221	266	174705	84.815	ng	98
71) Phenanthrene	11.445	178	828972	47.210	ng	99
72) Anthracene	11.498	178	858328	49.102	ng	99
73) Carbazole	11.651	167	743425	46.376	ng	98
74) Di-n-butylphthalate	11.968	149	957368	46.455	ng	99
75) Fluoranthene	12.633	202	819713	49.165	ng	95
77) Benzidine	12.757	184	273492	51.411	ng	97
78) Pyrene	12.868	202	808558	47.543	ng	100
80) Butylbenzylphthalate	13.474	149	379828	47.176	ng	90
81) Benzo(a)anthracene	14.057	228	635032	48.119	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	109665	26.368	ng	# 97
83) Chrysene	14.092	228	583082	46.985	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	482772	45.672	ng	# 98
85) Di-n-octyl phthalate	14.645	149	699187	45.941	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.074	276	504556	48.599	ng	# 84
88) Benzo(b)fluoranthene	15.115	252	540372	50.815	ng	# 94
89) Benzo(k)fluoranthene	15.151	252	488200	47.597	ng	# 93
90) Benzo(a)pyrene	15.492	252	475880	57.291	ng	# 93
91) Dibenzo(a,h)anthracene	17.092	278	445040	51.830	ng	# 89
92) Benzo(g,h,i)perylene	17.539	276	432410	51.082	ng	# 85

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

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