

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128195.D
 Acq On : 11 May 2022 15:17
 Operator : CG\JU
 Sample : PB144740BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144740BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2022
 Supervised By : Jagrut Upadhyay 05/12/2022

Quant Time: May 12 05:59:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	105447	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	403991	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	224154	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	392453	20.000	ng	0.00
76) Chrysene-d12	14.074	240	271295	20.000	ng	0.00
86) Perylene-d12	15.568	264	215766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	514025	77.710	ng	0.01
7) Phenol-d6	6.528	99	652902	74.626	ng	0.00
23) Nitrobenzene-d5	7.463	82	676251	75.321	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	195759	76.148	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1109334	77.436	ng	0.00
79) Terphenyl-d14	13.016	244	1249508	86.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	92722	31.511	ng	97
3) Pyridine	3.581	79	253969	32.534	ng	99
4) n-Nitrosodimethylamine	3.563	42	159501	40.988	ng	94
6) Aniline	6.557	93	285227	28.868	ng	97
8) 2-Chlorophenol	6.681	128	279059	41.420	ng	98
9) Benzaldehyde	6.451	77	181862	41.834	ng	97
10) Phenol	6.539	94	361057	39.134	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	280007	40.524	ng	97
12) 1,3-Dichlorobenzene	6.834	146	296051	39.041	ng	95
13) 1,4-Dichlorobenzene	6.910	146	298926	39.012	ng	98
14) 1,2-Dichlorobenzene	7.063	146	285988	39.607	ng	99
15) Benzyl Alcohol	7.039	79	268489	38.833	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	402237	39.257	ng	99
17) 2-Methylphenol	7.145	107	231882	40.569	ng	95
18) Hexachloroethane	7.404	117	116496	40.243	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	215489	39.996	ng	99
20) 3+4-Methylphenols	7.298	107	276069	39.009	ng	# 87
22) Acetophenone	7.304	105	391618	38.929	ng	# 87
24) Nitrobenzene	7.481	77	333321	40.225	ng	99
25) Isophorone	7.716	82	606493	43.088	ng	98
26) 2-Nitrophenol	7.792	139	147926	40.655	ng	97
27) 2,4-Dimethylphenol	7.828	122	253113	45.131	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	346857	38.984	ng	99
29) 2,4-Dichlorophenol	8.034	162	232815	39.486	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	263353	38.972	ng	100
31) Naphthalene	8.198	128	785536	39.371	ng	100
32) Benzoic acid	7.969	122	150358	35.849	ng	95
33) 4-Chloroaniline	8.245	127	141725	17.893	ng	96
34) Hexachlorobutadiene	8.304	225	175222	38.616	ng	99
35) Caprolactam	8.633	113	74235m	38.570	ng	
36) 4-Chloro-3-methylphenol	8.733	107	262379	39.827	ng	94
37) 2-Methylnaphthalene	8.892	142	529866	39.390	ng	99
38) 1-Methylnaphthalene	8.992	142	504072	39.016	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	263856	39.905	ng	98
41) Hexachlorocyclopentadiene	9.039	237	273122	89.714	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	166472	39.079	ng	98

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44) 2,4,5-Trichlorophenol	9.216	196	181811	40.028	ng	96
46) 1,1'-Biphenyl	9.357	154	652766	40.002	ng	99
47) 2-Chloronaphthalene	9.380	162	482542	39.896	ng	97
48) 2-Nitroaniline	9.486	65	179094	41.301	ng	100
49) Acenaphthylene	9.804	152	766221	41.884	ng	100
50) Dimethylphthalate	9.657	163	588673	40.696	ng	99
51) 2,6-Dinitrotoluene	9.728	165	134241	42.306	ng	96
52) Acenaphthene	9.975	154	562463m	44.344	ng	
53) 3-Nitroaniline	9.898	138	81410	23.666	ng	95
54) 2,4-Dinitrophenol	10.010	184	133453	76.024	ng	84
55) Dibenzofuran	10.145	168	690891	38.363	ng	98
56) 4-Nitrophenol	10.069	139	177290	73.757	ng	93
57) 2,4-Dinitrotoluene	10.133	165	176550	41.610	ng	# 81
58) Fluorene	10.486	166	548147	39.076	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	149108	38.413	ng	99
60) Diethylphthalate	10.357	149	582308	40.349	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	269434	38.515	ng	93
62) 4-Nitroaniline	10.516	138	127228	36.483	ng	92
63) Azobenzene	10.639	77	618791	39.156	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	94120	38.319	ng	94
66) n-Nitrosodiphenylamine	10.598	169	484929	42.397	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	177638	42.072	ng	96
68) Hexachlorobenzene	11.033	284	199916	43.285	ng	97
69) Atrazine	11.127	200	170360	44.155	ng	96
70) Pentachlorophenol	11.233	266	187016	83.431	ng	98
71) Phenanthrene	11.457	178	807950	41.345	ng	100
72) Anthracene	11.510	178	824877	42.278	ng	100
73) Carbazole	11.663	167	723356	38.988	ng	99
74) Di-n-butylphthalate	11.980	149	887293	41.542	ng	99
75) Fluoranthene	12.645	202	862102	40.692	ng	97
77) Benzidine	12.763	184	242263	41.231	ng	98
78) Pyrene	12.874	202	870180	44.236	ng	100
80) Butylbenzylphthalate	13.486	149	351052	42.926	ng	93
81) Benzo(a)anthracene	14.063	228	713238	41.160	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	156400	40.224	ng	99
83) Chrysene	14.104	228	651402	39.398	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	470711	42.599	ng	99
85) Di-n-octyl phthalate	14.651	149	719135	40.742	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	569387	43.624	ng	95
88) Benzo(b)fluoranthene	15.127	252	596624	44.607	ng	99
89) Benzo(k)fluoranthene	15.162	252	541233	40.993	ng	98
90) Benzo(a)pyrene	15.509	252	530526	49.131	ng	# 98
91) Dibenzo(a,h)anthracene	17.109	278	487112	46.099	ng	# 96
92) Benzo(g,h,i)perylene	17.562	276	491996	45.985	ng	97

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

