

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127972.D
 Acq On : 28 Apr 2022 10:54
 Operator : CG\JU
 Sample : PB144254BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144254BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

Quant Time: Apr 28 17:21:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	130639	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	504529	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	282156	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	478494	20.000	ng	0.00
76) Chrysene-d12	14.115	240	292890	20.000	ng	0.00
86) Perylene-d12	15.621	264	250580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	905651	110.419	ng	0.02
7) Phenol-d6	6.563	99	1183901	111.242	ng	0.00
23) Nitrobenzene-d5	7.498	82	855966	79.779	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	324209	114.143	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1346537	80.735	ng	0.00
79) Terphenyl-d14	13.057	244	1357032	84.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	123609	31.587	ng	97
3) Pyridine	3.634	79	291362	29.058	ng	97
4) n-Nitrosodimethylamine	3.599	42	211951	43.670	ng	97
6) Aniline	6.598	93	459157	36.313	ng	99
8) 2-Chlorophenol	6.716	128	374631	44.008	ng	97
9) Benzaldehyde	6.487	77	208347	31.645	ng	97
10) Phenol	6.575	94	458716m	42.735	ng	
11) bis(2-Chloroethyl)ether	6.669	93	382504	42.958	ng	98
12) 1,3-Dichlorobenzene	6.875	146	395243	40.335	ng	98
13) 1,4-Dichlorobenzene	6.951	146	396446	40.533	ng	99
14) 1,2-Dichlorobenzene	7.104	146	381685	42.154	ng	100
15) Benzyl Alcohol	7.075	79	305645	42.232	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	589045	43.284	ng	98
17) 2-Methylphenol	7.181	107	338830	46.131	ng	96
18) Hexachloroethane	7.445	117	155244	43.174	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	285050	43.754	ng	98
20) 3+4-Methylphenols	7.334	107	378780	42.690	ng	97
22) Acetophenone	7.345	105	523305	42.555	ng	97
24) Nitrobenzene	7.522	77	450997	43.622	ng	97
25) Isophorone	7.757	82	782042	43.307	ng	100
26) 2-Nitrophenol	7.834	139	196082	44.508	ng	96
27) 2,4-Dimethylphenol	7.863	122	338365	46.240	ng	96
28) bis(2-Chloroethoxy)met...	7.963	93	463368	40.039	ng	98
29) 2,4-Dichlorophenol	8.075	162	312374	40.747	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	348037	39.967	ng	100
31) Naphthalene	8.239	128	1042895	40.585	ng	99
32) Benzoic acid	7.992	122	221968	42.320	ng	98
33) 4-Chloroaniline	8.286	127	235039	23.117	ng	100
34) Hexachlorobutadiene	8.351	225	226479	41.290	ng	98
35) Caprolactam	8.663	113	102066m	41.246	ng	
36) 4-Chloro-3-methylphenol	8.769	107	350489	42.809	ng	98
37) 2-Methylnaphthalene	8.933	142	724372	42.654	ng	99
38) 1-Methylnaphthalene	9.033	142	660896	40.038	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	342179	41.144	ng	98
41) Hexachlorocyclopentadiene	9.081	237	420035	93.220	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	221654	40.505	ng	98

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44) 2,4,5-Trichlorophenol	9.251	196	239859	40.321	ng	96
46) 1,1'-Biphenyl	9.398	154	871388	41.692	ng	99
47) 2-Chloronaphthalene	9.422	162	630466	39.625	ng	97
48) 2-Nitroaniline	9.522	65	230868	42.895	ng	99
49) Acenaphthylene	9.839	152	978663	40.211	ng	100
50) Dimethylphthalate	9.698	163	755296	39.914	ng	99
51) 2,6-Dinitrotoluene	9.763	165	172387	42.076	ng	97
52) Acenaphthene	10.010	154	738255m	45.118	ng	
53) 3-Nitroaniline	9.933	138	127158	27.950	ng	94
54) 2,4-Dinitrophenol	10.039	184	186220	86.306	ng	# 80
55) Dibenzofuran	10.186	168	905764	38.367	ng	99
56) 4-Nitrophenol	10.098	139	261403	75.244	ng	95
57) 2,4-Dinitrotoluene	10.169	165	234172	43.150	ng	92
58) Fluorene	10.527	166	702021	39.852	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	202158	40.412	ng	98
60) Diethylphthalate	10.398	149	740640	39.915	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	346166	39.545	ng	96
62) 4-Nitroaniline	10.551	138	168873	37.967	ng	99
63) Azobenzene	10.680	77	812651	39.801	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	125865	44.269	ng	97
66) n-Nitrosodiphenylamine	10.639	169	622543	41.813	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	219307	41.345	ng	96
68) Hexachlorobenzene	11.075	284	243671	43.601	ng	95
69) Atrazine	11.163	200	215504	46.809	ng	97
70) Pentachlorophenol	11.269	266	270524	82.281	ng	97
71) Phenanthrene	11.498	178	1019539	40.705	ng	99
72) Anthracene	11.545	178	1054269	42.255	ng	99
73) Carbazole	11.704	167	917685	38.162	ng	99
74) Di-n-butylphthalate	12.022	149	1109108	41.018	ng	100
75) Fluoranthene	12.686	202	1050903	39.866	ng	97
77) Benzidine	12.804	184	356897	64.400	ng	98
78) Pyrene	12.916	202	1048807	44.359	ng	99
80) Butylbenzylphthalate	13.527	149	407285	43.949	ng	94
81) Benzo(a)anthracene	14.104	228	801340	41.048	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	214547	34.613	ng	100
83) Chrysene	14.139	228	757102	40.608	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	530817	43.193	ng	100
85) Di-n-octyl phthalate	14.698	149	798994	41.953	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	768810	45.966	ng	98
88) Benzo(b)fluoranthene	15.174	252	730205	46.396	ng	99
89) Benzo(k)fluoranthene	15.210	252	653807	41.233	ng	99
90) Benzo(a)pyrene	15.562	252	668560	51.211	ng	97
91) Dibenzo(a,h)anthracene	17.192	278	637762	47.545	ng	97
92) Benzo(g,h,i)perylene	17.645	276	660692	46.737	ng	97

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

