

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127140.D
 Acq On : 02 Mar 2022 11:44
 Operator : CG\JU
 Sample : PB143010BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143010BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:55:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	98595	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	401593	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	203010	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	365556	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	237756	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	189442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	700037	109.738	ng	0.01
7) Phenol-d6	6.528	99	898434	104.375	ng	0.00
23) Nitrobenzene-d5	7.457	82	634731	71.341	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286086	122.396	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1032657	74.885	ng	0.00
79) Terphenyl-d14	13.016	244	1208595	74.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	88235	30.227	ng	97
3) Pyridine	3.516	79	204789	26.747	ng	92
4) n-Nitrosodimethylamine	3.481	42	147104	39.221	ng	# 74
6) Aniline	6.557	93	353113	34.623	ng	96
8) 2-Chlorophenol	6.681	128	285817	41.758	ng	94
9) Benzaldehyde	6.446	77	133330	25.446	ng	97
10) Phenol	6.540	94	352543m	40.534	ng	
11) bis(2-Chloroethyl)ether	6.628	93	270609	39.668	ng	99
12) 1,3-Dichlorobenzene	6.834	146	301002	40.767	ng	99
13) 1,4-Dichlorobenzene	6.910	146	305338	40.792	ng	98
14) 1,2-Dichlorobenzene	7.063	146	288442	40.408	ng	97
15) Benzyl Alcohol	7.034	79	280816	38.725	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	370012	34.445	ng	92
17) 2-Methylphenol	7.145	107	245762	41.501	ng	93
18) Hexachloroethane	7.404	117	116731	40.684	ng	# 84
19) n-Nitroso-di-n-propyla...	7.304	70	210637	37.976	ng	# 97
20) 3+4-Methylphenols	7.298	107	304266	39.568	ng	93
22) Acetophenone	7.304	105	412441	39.006	ng	# 97
24) Nitrobenzene	7.475	77	337775	40.188	ng	95
25) Isophorone	7.716	82	571517	38.819	ng	# 97
26) 2-Nitrophenol	7.792	139	150540	42.068	ng	# 84
27) 2,4-Dimethylphenol	7.828	122	261329	44.453	ng	92
28) bis(2-Chloroethoxy)met...	7.922	93	331499	37.141	ng	98
29) 2,4-Dichlorophenol	8.034	162	227601	41.180	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	245649	39.754	ng	97
31) Naphthalene	8.198	128	835071	39.834	ng	99
32) Benzoic acid	7.957	122	168755	40.476	ng	91
33) 4-Chloroaniline	8.245	127	244199	29.594	ng	98
34) Hexachlorobutadiene	8.310	225	145747	40.401	ng	99
35) Caprolactam	8.622	113	75749m	39.246	ng	
36) 4-Chloro-3-methylphenol	8.734	107	286139	40.508	ng	98
37) 2-Methylnaphthalene	8.887	142	551256	40.524	ng	97
38) 1-Methylnaphthalene	8.987	142	514511	39.498	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	222987	41.727	ng	99
41) Hexachlorocyclopentadiene	9.039	237	250078	86.283	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	159685	40.742	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	167846	40.695	ng	95
46) 1,1'-Biphenyl	9.357	154	642571	39.951	ng	97
47) 2-Chloronaphthalene	9.381	162	479011	40.161	ng	93
48) 2-Nitroaniline	9.481	65	191232	40.630	ng	98
49) Acenaphthylene	9.798	152	793491	40.956	ng	99
50) Dimethylphthalate	9.657	163	582151	40.118	ng	99
51) 2,6-Dinitrotoluene	9.722	165	128582	43.553	ng	88
52) Acenaphthene	9.969	154	579685m	46.006	ng	
53) 3-Nitroaniline	9.892	138	110937	30.740	ng	98
54) 2,4-Dinitrophenol	10.004	184	136169	87.141	ng	# 80
55) Dibenzofuran	10.145	168	698238	40.300	ng	93
56) 4-Nitrophenol	10.063	139	213412	80.067	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	176204	44.142	ng	# 97
58) Fluorene	10.486	166	563266	41.736	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	135690	41.498	ng	96
60) Diethylphthalate	10.357	149	606388	39.992	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	259944	40.847	ng	96
62) 4-Nitroaniline	10.516	138	144091	40.433	ng	# 77
63) Azobenzene	10.639	77	634563	37.584	ng	92
65) 4,6-Dinitro-2-methylph...	10.539	198	87655	40.810	ng	91
66) n-Nitrosodiphenylamine	10.598	169	483389	40.327	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	169569	41.517	ng	98
68) Hexachlorobenzene	11.033	284	191324	43.513	ng	91
69) Atrazine	11.122	200	162603	43.737	ng	99
70) Pentachlorophenol	11.228	266	198796	82.824	ng	99
71) Phenanthrene	11.451	178	848684	41.478	ng	100
72) Anthracene	11.504	178	868181	42.622	ng	99
73) Carbazole	11.663	167	738957	39.560	ng	99
74) Di-n-butylphthalate	11.980	149	931041	38.771	ng	99
75) Fluoranthene	12.645	202	835736	43.018	ng	94
77) Benzidine	12.763	184	297916	46.109	ng	97
78) Pyrene	12.874	202	832507	40.304	ng	99
80) Butylbenzylphthalate	13.486	149	374149	38.261	ng	# 86
81) Benzo(a)anthracene	14.063	228	640491	39.959	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	183349	36.297	ng	# 98
83) Chrysene	14.104	228	617809	40.988	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	485972	37.853	ng	# 97
85) Di-n-octyl phthalate	14.657	149	732150	39.608	ng	94
87) Indeno(1,2,3-cd)pyrene	17.086	276	538690	43.366	ng	# 84
88) Benzo(b)fluoranthene	15.127	252	568230	44.659	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	542794	44.229	ng	# 94
90) Benzo(a)pyrene	15.504	252	508786	51.194	ng	# 93
91) Dibenzo(a,h)anthracene	17.098	278	453858	44.177	ng	# 91
92) Benzo(g,h,i)perylene	17.551	276	447919	44.224	ng	# 85

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

