

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127587.D
 Acq On : 30 Mar 2022 14:48
 Operator : CG\JU
 Sample : PB143741BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143741BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

Quant Time: Mar 30 16:34:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	101762	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	377454	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	211154	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	372771	20.000	ng	0.00
76) Chrysene-d12	14.016	240	244117	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	192858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	722087	113.265	ng	0.01
7) Phenol-d6	6.481	99	944112	108.340	ng	0.00
23) Nitrobenzene-d5	7.410	82	664788	75.286	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	241469	107.352	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1093132	75.595	ng	0.00
79) Terphenyl-d14	12.951	244	1172231	78.608	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	106978	38.206	ng	96
3) Pyridine	3.440	79	253997	32.139	ng	95
4) n-Nitrosodimethylamine	3.404	42	185601	42.774	ng	98
6) Aniline	6.504	93	338595	32.560	ng	# 87
8) 2-Chlorophenol	6.622	128	288995	44.360	ng	94
9) Benzaldehyde	6.393	77	180945	40.639	ng	98
10) Phenol	6.492	94	391837	41.288	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	312474	44.998	ng	99
12) 1,3-Dichlorobenzene	6.775	146	301040	41.084	ng	95
13) 1,4-Dichlorobenzene	6.851	146	304160	41.266	ng	99
14) 1,2-Dichlorobenzene	7.004	146	282334	39.329	ng	99
15) Benzyl Alcohol	6.987	79	281114	44.388	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	530683	42.468	ng	58
17) 2-Methylphenol	7.098	107	229385	41.721	ng	# 90
18) Hexachloroethane	7.340	117	117206	43.436	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	221294	42.365	ng	99
20) 3+4-Methylphenols	7.251	107	284368	41.933	ng	95
22) Acetophenone	7.251	105	383255	39.721	ng	98
24) Nitrobenzene	7.428	77	352693	41.882	ng	97
25) Isophorone	7.663	82	633164	45.020	ng	99
26) 2-Nitrophenol	7.739	139	148492	42.044	ng	99
27) 2,4-Dimethylphenol	7.775	122	251717	47.380	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	378528	41.433	ng	100
29) 2,4-Dichlorophenol	7.987	162	251033	41.622	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	274624	39.076	ng	98
31) Naphthalene	8.139	128	816478	40.743	ng	99
32) Benzoic acid	7.939	122	123166	41.303	ng	92
33) 4-Chloroaniline	8.198	127	120651	15.537	ng	99
34) Hexachlorobutadiene	8.245	225	172742	38.706	ng	99
35) Caprolactam	8.586	113	82006m	44.105	ng	
36) 4-Chloro-3-methylphenol	8.692	107	276990	42.329	ng	99
37) 2-Methylnaphthalene	8.828	142	539698	41.884	ng	99
38) 1-Methylnaphthalene	8.928	142	505142	39.645	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	276249	41.147	ng	99
41) Hexachlorocyclopentadiene	8.975	237	159254	72.340	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	165154	40.696	ng	100

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44) 2,4,5-Trichlorophenol	9.163	196	176433	42.233	ng	99
46) 1,1'-Biphenyl	9.292	154	660367	41.408	ng	98
47) 2-Chloronaphthalene	9.322	162	516890	41.159	ng	99
48) 2-Nitroaniline	9.433	65	201742	41.916	ng	93
49) Acenaphthylene	9.739	152	782715	41.227	ng	99
50) Dimethylphthalate	9.598	163	619022	42.140	ng	100
51) 2,6-Dinitrotoluene	9.669	165	135521	43.950	ng	95
52) Acenaphthene	9.910	154	460458	41.568	ng	97
53) 3-Nitroaniline	9.845	138	86609	25.605	ng	98
54) 2,4-Dinitrophenol	9.963	184	105020	68.844	ng	94
55) Dibenzofuran	10.081	168	663439	41.230	ng	98
56) 4-Nitrophenol	10.028	139	115643	67.173	ng	97
57) 2,4-Dinitrotoluene	10.081	165	160898	40.539	ng	# 91
58) Fluorene	10.428	166	549698	42.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	143856	38.948	ng	98
60) Diethylphthalate	10.298	149	560725	41.792	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	293582	38.669	ng	94
62) 4-Nitroaniline	10.469	138	125489	39.608	ng	98
63) Azobenzene	10.575	77	643726	40.662	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	89372	38.963	ng	99
66) n-Nitrosodiphenylamine	10.539	169	473274	41.708	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	179528	41.250	ng	96
68) Hexachlorobenzene	10.969	284	197582	41.590	ng	93
69) Atrazine	11.069	200	182337	48.267	ng	98
70) Pentachlorophenol	11.180	266	131660	72.473	ng	98
71) Phenanthrene	11.392	178	793727	40.842	ng	99
72) Anthracene	11.445	178	813450	42.179	ng	100
73) Carbazole	11.604	167	727498	39.445	ng	100
74) Di-n-butylphthalate	11.916	149	856528	44.866	ng	99
75) Fluoranthene	12.586	202	874114	40.893	ng	99
77) Benzidine	12.710	184	266923	45.857	ng	97
78) Pyrene	12.816	202	875580	41.792	ng	99
80) Butylbenzylphthalate	13.421	149	322110	46.714	ng	94
81) Benzo(a)anthracene	14.004	228	672185	41.175	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	124753	26.001	ng	98
83) Chrysene	14.045	228	628947	40.685	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	392514	49.244	ng	99
85) Di-n-octyl phthalate	14.580	149	590442	55.666	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	512207	39.250	ng	97
88) Benzo(b)fluoranthene	15.063	252	526503	43.297	ng	100
89) Benzo(k)fluoranthene	15.092	252	546347	43.340	ng	100
90) Benzo(a)pyrene	15.433	252	515596	51.665	ng	# 97
91) Dibenzo(a,h)anthracene	17.004	278	449886	41.756	ng	99
92) Benzo(g,h,i)perylene	17.456	276	433946	38.967	ng	98

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

