

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128930.D
 Acq On : 22 Jun 2022 14:29
 Operator : CG\JU
 Sample : PB145737BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 01:28:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	109991	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	407900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.787	164	247045	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	441819	20.000	ng	0.00
76) Chrysene-d12	13.927	240	326391	20.000	ng	# 0.00
86) Perylene-d12	15.363	264	223702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	750853	108.735	ng	0.01
7) Phenol-d6	6.416	99	944456	112.046	ng	0.00
23) Nitrobenzene-d5	7.322	82	663494	75.733	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	299029	102.444	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1247534	70.738	ng	0.00
79) Terphenyl-d14	12.869	244	1542096	82.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	78842	30.755	ng	# 93
3) Pyridine	3.305	79	206624	30.341	ng	91
4) n-Nitrosodimethylamine	3.263	42	168516	35.683	ng	# 78
6) Aniline	6.410	93	301648	33.182	ng	# 64
8) 2-Chlorophenol	6.546	128	308161	43.613	ng	98
9) Benzaldehyde	6.299	77	113879	22.176	ng	93
10) Phenol	6.428	94	379993	42.647	ng	90
11) bis(2-Chloroethyl)ether	6.487	93	285246	43.688	ng	99
12) 1,3-Dichlorobenzene	6.687	146	335054	41.018	ng	98
13) 1,4-Dichlorobenzene	6.763	146	340329	41.253	ng	98
14) 1,2-Dichlorobenzene	6.916	146	319373	41.384	ng	98
15) Benzyl Alcohol	6.904	79	281048	39.850	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.022	45	435172	40.453	ng	# 16
17) 2-Methylphenol	7.181	107	317279	56.815	ng	# 81
18) Hexachloroethane	7.257	117	129162	42.082	ng	99
19) n-Nitroso-di-n-propyla...	7.175	70	227406	43.391	ng	98
20) 3+4-Methylphenols	7.181	107	317279	42.556	ng	# 82
22) Acetophenone	7.163	105	444747	41.688	ng	# 94
24) Nitrobenzene	7.340	77	339080	42.157	ng	96
25) Isophorone	7.581	82	586736	44.095	ng	# 98
26) 2-Nitrophenol	7.657	139	153425	43.294	ng	# 93
27) 2,4-Dimethylphenol	7.704	122	271338	50.264	ng	94
28) bis(2-Chloroethoxy)met...	7.787	93	350057	41.616	ng	98
29) 2,4-Dichlorophenol	7.910	162	258961	41.448	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	268918	38.226	ng	98
31) Naphthalene	8.057	128	848308	40.524	ng	99
32) Benzoic acid	7.869	122	103114	26.923	ng	94
33) 4-Chloroaniline	8.110	127	235588	29.849	ng	96
34) Hexachlorobutadiene	8.169	225	202987	40.685	ng	99
35) Caprolactam	8.498	113	75641m	43.781	ng	
36) 4-Chloro-3-methylphenol	8.616	107	291812	42.797	ng	97
37) 2-Methylnaphthalene	8.745	142	543172	40.794	ng	99
38) 1-Methylnaphthalene	8.845	142	527160	40.978	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	285486	37.209	ng	99
41) Hexachlorocyclopentadiene	8.898	237	212064	45.982	ng	99
43) 2,4,6-Trichlorophenol	9.040	196	169620	32.692	ng	95

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44) 2,4,5-Trichlorophenol	9.092	196	177858	33.170	ng	95
46) 1,1'-Biphenyl	9.216	154	747847	40.345	ng	96
47) 2-Chloronaphthalene	9.239	162	573790	40.567	ng	99
48) 2-Nitroaniline	9.345	65	211412	43.710	ng	98
49) Acenaphthylene	9.651	152	929351	42.919	ng	99
50) Dimethylphthalate	9.522	163	710759	42.033	ng	100
51) 2,6-Dinitrotoluene	9.587	165	152115	45.578	ng	# 84
52) Acenaphthene	9.822	154	534668	37.917	ng	100
53) 3-Nitroaniline	9.757	138	109084	30.115	ng	96
54) 2,4-Dinitrophenol	9.875	184	127606	68.644	ng	93
55) Dibenzofuran	9.998	168	801275	39.538	ng	95
56) 4-Nitrophenol	9.957	139	144292	54.955	ng	79
57) 2,4-Dinitrotoluene	9.992	165	196789	44.182	ng	# 68
58) Fluorene	10.339	166	653144	41.558	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	149282	33.707	ng	# 99
60) Diethylphthalate	10.222	149	694062	40.838	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	333367	40.895	ng	92
62) 4-Nitroaniline	10.381	138	132765	36.200	ng	88
63) Azobenzene	10.492	77	674525	40.316	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	105914	40.621	ng	87
66) n-Nitrosodiphenylamine	10.457	169	592459	43.628	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	211157	42.856	ng	98
68) Hexachlorobenzene	10.886	284	241857	44.200	ng	97
69) Atrazine	10.986	200	199021	45.573	ng	97
70) Pentachlorophenol	11.098	266	173699	63.593	ng	99
71) Phenanthrene	11.304	178	954015	43.050	ng	99
72) Anthracene	11.357	178	957620	43.658	ng	99
73) Carbazole	11.516	167	827978	40.642	ng	99
74) Di-n-butylphthalate	11.839	149	1061177	42.781	ng	100
75) Fluoranthene	12.492	202	1005404	43.403	ng	98
77) Benzidine	12.616	184	307857	47.316	ng	99
78) Pyrene	12.722	202	1027174	42.300	ng	98
80) Butylbenzylphthalate	13.339	149	426376	41.811	ng	100
81) Benzo(a)anthracene	13.916	228	874642	42.990	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	229882	52.814	ng	96
83) Chrysene	13.951	228	808377	41.676	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	605507	45.672	ng	100
85) Di-n-octyl phthalate	14.510	149	939491	47.051	ng	99
87) Indeno(1,2,3-cd)pyrene	16.798	276	456379	33.848	ng	# 90
88) Benzo(b)fluoranthene	14.951	252	677617	47.405	ng	# 98
89) Benzo(k)fluoranthene	14.980	252	671588	49.945	ng	# 97
90) Benzo(a)pyrene	15.310	252	605398	53.886	ng	# 96
91) Dibenzo(a,h)anthracene	16.804	278	404157	36.137	ng	# 94
92) Benzo(g,h,i)perylene	17.227	276	387516	34.961	ng	# 91

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

