

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128927.D
 Acq On : 22 Jun 2022 12:51
 Operator : CG\JU
 Sample : PB145629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145629BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:25:52 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	6.745	152	110860	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	425578	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	183073	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	338469	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	263275	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	187734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	765665	110.010	ng	0.01
7) Phenol-d6	6.416	99	934748	110.025	ng	0.00
23) Nitrobenzene-d5	7.322	82	675734	73.926	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	244781	113.162	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1278852	97.853	ng	0.00
79) Terphenyl-d14	12.868	244	1237552	81.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	73862	28.586	ng	97
3) Pyridine	3.310	79	201209	29.314	ng	# 92
4) n-Nitrosodimethylamine	3.269	42	155232	32.613	ng	# 81
6) Aniline	6.416	93	298570	32.586	ng	# 44
8) 2-Chlorophenol	6.545	128	307432	43.168	ng	100
9) Benzaldehyde	6.298	77	10654	2.058	ng	84
10) Phenol	6.428	94	374020	41.648	ng	89
11) bis(2-Chloroethyl)ether	6.492	93	291797	44.341	ng	96
12) 1,3-Dichlorobenzene	6.687	146	335638	40.767	ng	97
13) 1,4-Dichlorobenzene	6.763	146	347092	41.743	ng	98
14) 1,2-Dichlorobenzene	6.916	146	324904	41.771	ng	97
15) Benzyl Alcohol	6.904	79	286095	40.248	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.028	45	442512	40.813	ng	# 1
17) 2-Methylphenol	7.181	107	320568	56.954	ng	# 79
18) Hexachloroethane	7.257	117	132168	42.724	ng	97
19) n-Nitroso-di-n-propyla...	7.175	70	229086	43.368	ng	99
20) 3+4-Methylphenols	7.181	107	320568	42.660	ng	# 81
22) Acetophenone	7.163	105	451395	40.554	ng	# 96
24) Nitrobenzene	7.339	77	347694	41.433	ng	97
25) Isophorone	7.581	82	613061	44.160	ng	97
26) 2-Nitrophenol	7.657	139	161062	43.561	ng	# 95
27) 2,4-Dimethylphenol	7.704	122	270715	48.065	ng	94
28) bis(2-Chloroethoxy)met...	7.786	93	354018	40.339	ng	99
29) 2,4-Dichlorophenol	7.910	162	264368	40.556	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	292487	39.849	ng	98
31) Naphthalene	8.057	128	885742	40.554	ng	99
32) Benzoic acid	7.869	122	106079	26.547	ng	98
33) 4-Chloroaniline	8.110	127	247277	30.029	ng	97
34) Hexachlorobutadiene	8.169	225	203278	39.051	ng	99
35) Caprolactam	8.498	113	75051m	41.635	ng	
36) 4-Chloro-3-methylphenol	8.616	107	295878	41.590	ng	96
37) 2-Methylnaphthalene	8.745	142	568396	40.915	ng	100
38) 1-Methylnaphthalene	8.845	142	539630	40.205	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	300330	52.822	ng	100
41) Hexachlorocyclopentadiene	8.898	237	223154	65.294	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	173433	45.107	ng	95

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44) 2,4,5-Trichlorophenol	9.092	196	181409	45.655	ng	96
46) 1,1'-Biphenyl	9.216	154	718457	52.304	ng	97
47) 2-Chloronaphthalene	9.239	162	554107	52.865	ng	99
48) 2-Nitroaniline	9.345	65	194749	54.335	ng	99
49) Acenaphthylene	9.651	152	737015	45.930	ng	99
50) Dimethylphthalate	9.522	163	657167	52.444	ng	100
51) 2,6-Dinitrotoluene	9.586	165	131851	53.311	ng	# 85
52) Acenaphthene	9.822	154	401583	38.430	ng	99
53) 3-Nitroaniline	9.757	138	77677	28.938	ng	94
54) 2,4-Dinitrophenol	9.875	184	94258	68.423	ng	90
55) Dibenzofuran	9.998	168	619004	41.218	ng	96
56) 4-Nitrophenol	9.957	139	113021	58.086	ng	86
57) 2,4-Dinitrotoluene	9.992	165	150591	45.625	ng	# 83
58) Fluorene	10.339	166	504382	43.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	110693	33.728	ng	93
60) Diethylphthalate	10.222	149	515833	40.957	ng	98
61) 4-Chlorophenyl-phenyle...	10.333	204	264420	43.772	ng	98
62) 4-Nitroaniline	10.380	138	97527	35.885	ng	89
63) Azobenzene	10.492	77	472976	38.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	77674	38.886	ng	86
66) n-Nitrosodiphenylamine	10.457	169	462823	44.488	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	168122	44.541	ng	98
68) Hexachlorobenzene	10.886	284	194401	46.375	ng	96
69) Atrazine	10.986	200	151769	45.365	ng	98
70) Pentachlorophenol	11.098	266	128698	61.505	ng	98
71) Phenanthrene	11.304	178	741818	43.696	ng	98
72) Anthracene	11.357	178	748242	44.529	ng	99
73) Carbazole	11.516	167	648427	41.547	ng	99
74) Di-n-butylphthalate	11.839	149	806533	42.444	ng	100
75) Fluoranthene	12.492	202	795822	44.845	ng	97
77) Benzidine	12.616	184	252803	48.169	ng	99
78) Pyrene	12.721	202	805819	41.139	ng	98
80) Butylbenzylphthalate	13.339	149	329122	40.011	ng	99
81) Benzo(a)anthracene	13.915	228	718941	43.809	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	181362	51.656	ng	97
83) Chrysene	13.951	228	661473	42.278	ng	98
84) Bis(2-ethylhexyl)phtha...	13.898	149	461328	43.139	ng	99
85) Di-n-octyl phthalate	14.515	149	729997	45.324	ng	97
87) Indeno(1,2,3-cd)pyrene	16.804	276	565980	50.019	ng	# 91
88) Benzo(b)fluoranthene	14.951	252	595897	49.675	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	526800	46.683	ng	# 96
90) Benzo(a)pyrene	15.310	252	500901	53.127	ng	# 95
91) Dibenzo(a,h)anthracene	16.809	278	502131	53.500	ng	# 94
92) Benzo(g,h,i)perylene	17.227	276	476497	51.225	ng	# 91

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

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