

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129052.D
 Acq On : 30 Jun 2022 11:56
 Operator : CG\JU
 Sample : PB145848BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145848BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/01/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 05:41:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	465019	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1781871	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	920947	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1624518	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1112916	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	900459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2889225	105.041	ng	0.01
7) Phenol-d6	6.587	99	3577622	104.728	ng	0.00
23) Nitrobenzene-d5	7.528	82	2274704	76.144	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1122752	112.119	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	3957885	68.753	ng	0.00
79) Terphenyl-d14	13.086	244	4336884	80.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	358445	29.230	ng	89
3) Pyridine	3.710	79	917563	30.639	ng	88
4) n-Nitrosodimethylamine	3.628	42	538975	39.723	ng	81
6) Aniline	6.628	93	1406136	36.805	ng	96
8) 2-Chlorophenol	6.745	128	1224188	42.362	ng	94
9) Benzaldehyde	6.510	77	207506	9.611	ng	98
10) Phenol	6.598	94	1436464	41.503	ng	93
11) bis(2-Chloroethyl)ether	6.693	93	1149391	41.957	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1264401	39.746	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1291495	40.250	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1238098	41.047	ng	99
15) Benzyl Alcohol	7.104	79	963885	40.113	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1581300	40.415	ng	92
17) 2-Methylphenol	7.204	107	981540	41.740	ng	97
18) Hexachloroethane	7.475	117	465362	41.311	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	818134	41.401	ng	89
20) 3+4-Methylphenols	7.357	107	1222121	40.869	ng	# 88
22) Acetophenone	7.375	105	1628280	39.834	ng	# 91
24) Nitrobenzene	7.545	77	1226234	42.423	ng	92
25) Isophorone	7.787	82	2210466	43.782	ng	96
26) 2-Nitrophenol	7.857	139	625201	46.540	ng	87
27) 2,4-Dimethylphenol	7.887	122	1143816	47.162	ng	96
28) bis(2-Chloroethoxy)met...	7.987	93	1393356	40.185	ng	99
29) 2,4-Dichlorophenol	8.098	162	1000223	40.434	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1067203	39.204	ng	97
31) Naphthalene	8.269	128	3252268	40.205	ng	98
32) Benzoic acid	8.016	122	799663	41.096	ng	92
33) 4-Chloroaniline	8.310	127	914241	28.048	ng	96
34) Hexachlorobutadiene	8.381	225	635947	39.125	ng	99
35) Caprolactam	8.698	113	321668m	41.007	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1028573	40.924	ng	89
37) 2-Methylnaphthalene	8.957	142	2209918	40.600	ng	99
38) 1-Methylnaphthalene	9.057	142	2125932	40.218	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1030656	39.815	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1288216	94.277	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	713151	40.446	ng	96

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44) 2,4,5-Trichlorophenol	9.275	196	766193	40.853	ng	97
46) 1,1'-Biphenyl	9.422	154	2663590	40.230	ng	97
47) 2-Chloronaphthalene	9.445	162	2049683	40.088	ng	99
48) 2-Nitroaniline	9.545	65	602664	44.753	ng #	80
49) Acenaphthylene	9.869	152	3270706	42.099	ng	96
50) Dimethylphthalate	9.722	163	2353267	40.845	ng	98
51) 2,6-Dinitrotoluene	9.786	165	539742	45.845	ng	91
52) Acenaphthene	10.039	154	2229867	44.063	ng	99
53) 3-Nitroaniline	9.957	138	463999	33.049	ng #	86
54) 2,4-Dinitrophenol	10.063	184	578092	89.872	ng #	76
55) Dibenzofuran	10.210	168	2915036	39.559	ng	95
56) 4-Nitrophenol	10.116	139	960975	83.773	ng	92
57) 2,4-Dinitrotoluene	10.192	165	712973	49.054	ng #	82
58) Fluorene	10.557	166	2259759	39.645	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	637868	41.052	ng	100
60) Diethylphthalate	10.422	149	2320473	40.194	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1111228	39.128	ng	98
62) 4-Nitroaniline	10.581	138	583346	41.901	ng	86
63) Azobenzene	10.704	77	2243691	39.668	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	336931	46.880	ng	84
66) n-Nitrosodiphenylamine	10.663	169	2032430	41.195	ng	96
67) 4-Bromophenyl-phenylether	11.039	248	713919	41.314	ng	93
68) Hexachlorobenzene	11.104	284	807942	41.988	ng #	91
69) Atrazine	11.192	200	639761	46.082	ng	99
70) Pentachlorophenol	11.298	266	981806	85.665	ng	99
71) Phenanthrene	11.522	178	3130954	40.337	ng	96
72) Anthracene	11.575	178	3129354	40.892	ng	95
73) Carbazole	11.728	167	2992141	39.020	ng	98
74) Di-n-butylphthalate	12.051	149	3396128	42.004	ng	97
75) Fluoranthene	12.716	202	3258078	40.136	ng	96
77) Benzidine	12.833	184	1185077	59.801	ng	99
78) Pyrene	12.945	202	3320811	43.048	ng	97
80) Butylbenzylphthalate	13.557	149	1380524	43.928	ng	94
81) Benzo(a)anthracene	14.133	228	2814000	41.411	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	758951	51.690	ng	98
83) Chrysene	14.174	228	2539497	40.255	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	1850096	44.297	ng	97
85) Di-n-octyl phthalate	14.733	149	2656169	43.081	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2372747	42.963	ng	99
88) Benzo(b)fluoranthene	15.216	252	2533705	46.787	ng	98
89) Benzo(k)fluoranthene	15.251	252	2251634	42.868	ng	98
90) Benzo(a)pyrene	15.604	252	2260143	51.197	ng	97
91) Dibenzo(a,h)anthracene	17.251	278	2070614	45.992	ng	96
92) Benzo(g,h,i)perylene	17.709	276	2062505	45.663	ng	99

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

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