

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128746.D
 Acq On : 09 Jun 2022 13:33
 Operator : CG\JU
 Sample : PB145375BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145375BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/10/2022
 Supervised By : Jagrut Upadhyay 06/10/2022

Quant Time: Jun 10 03:28:20 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 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	92195	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	343403	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	192202	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	349582	20.000	ng	0.00
76) Chrysene-d12	13.992	240	241948	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	173858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	642135	110.940	ng	0.01
7) Phenol-d6	6.481	99	792797	112.208	ng	0.00
23) Nitrobenzene-d5	7.381	82	560723	76.023	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	258164	113.680	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1075640	78.394	ng	0.00
79) Terphenyl-d14	12.933	244	1218917	87.541	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	71078	33.078	ng	# 94
3) Pyridine	3.422	79	183642	32.171	ng	91
4) n-Nitrosodimethylamine	3.387	42	149724	37.824	ng	# 78
6) Aniline	6.475	93	279527	36.684	ng	# 71
8) 2-Chlorophenol	6.610	128	251517	42.467	ng	95
9) Benzaldehyde	6.363	77	139944	32.512	ng	93
10) Phenol	6.492	94	313845	42.022	ng	88
11) bis(2-Chloroethyl)ether	6.551	93	232110	42.412	ng	100
12) 1,3-Dichlorobenzene	6.751	146	281726	41.146	ng	98
13) 1,4-Dichlorobenzene	6.828	146	290286	41.979	ng	98
14) 1,2-Dichlorobenzene	6.981	146	269980	41.737	ng	98
15) Benzyl Alcohol	6.969	79	239116	40.449	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	362344	40.185	ng	# 11
17) 2-Methylphenol	7.092	107	203339	43.440	ng	# 84
18) Hexachloroethane	7.322	117	110030	42.768	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	189295	43.091	ng	97
20) 3+4-Methylphenols	7.245	107	267864	42.863	ng	# 81
22) Acetophenone	7.228	105	376159	41.881	ng	96
24) Nitrobenzene	7.398	77	294576	43.503	ng	96
25) Isophorone	7.639	82	499345	44.576	ng	98
26) 2-Nitrophenol	7.716	139	129489	43.402	ng	# 90
27) 2,4-Dimethylphenol	7.763	122	220915	48.609	ng	91
28) bis(2-Chloroethoxy)met...	7.845	93	287215	40.559	ng	98
29) 2,4-Dichlorophenol	7.969	162	215812	41.029	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	244365	41.260	ng	98
31) Naphthalene	8.122	128	734648	41.685	ng	99
32) Benzoic acid	7.916	122	86455	26.813	ng	93
33) 4-Chloroaniline	8.169	127	178597	26.879	ng	96
34) Hexachlorobutadiene	8.234	225	167225	39.813	ng	99
35) Caprolactam	8.557	113	61824m	42.505	ng	
36) 4-Chloro-3-methylphenol	8.681	107	236632	41.222	ng	99
37) 2-Methylnaphthalene	8.810	142	475096	42.383	ng	99
38) 1-Methylnaphthalene	8.910	142	453054	41.832	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	253116	42.404	ng	99
41) Hexachlorocyclopentadiene	8.963	237	309296	86.200	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	154930	38.381	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	161416	38.694	ng	# 91
46) 1,1'-Biphenyl	9.281	154	596941	41.393	ng	97
47) 2-Chloronaphthalene	9.304	162	457509	41.576	ng	100
48) 2-Nitroaniline	9.404	65	160215	42.577	ng	96
49) Acenaphthylene	9.722	152	741774	44.031	ng	99
50) Dimethylphthalate	9.581	163	549197	41.746	ng	100
51) 2,6-Dinitrotoluene	9.645	165	118017	45.451	ng	# 80
52) Acenaphthene	9.892	154	502491m	45.803	ng	
53) 3-Nitroaniline	9.816	138	80387	28.525	ng	98
54) 2,4-Dinitrophenol	9.928	184	114670	79.287	ng	# 89
55) Dibenzofuran	10.063	168	642998	40.782	ng	93
56) 4-Nitrophenol	10.016	139	150670	73.758	ng	# 72
57) 2,4-Dinitrotoluene	10.051	165	158999	45.884	ng	93
58) Fluorene	10.404	166	517391	42.314	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	130925	37.998	ng	97
60) Diethylphthalate	10.280	149	554811	41.960	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	262467	41.385	ng	95
62) 4-Nitroaniline	10.439	138	117020	41.012	ng	# 84
63) Azobenzene	10.557	77	521537	40.066	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	84207	40.817	ng	95
66) n-Nitrosodiphenylamine	10.522	169	469813	43.724	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	169703	43.530	ng	94
68) Hexachlorobenzene	10.951	284	190646	44.034	ng	99
69) Atrazine	11.051	200	159584	46.184	ng	95
70) Pentachlorophenol	11.157	266	141436	65.443	ng	99
71) Phenanthrene	11.369	178	745525	42.518	ng	99
72) Anthracene	11.422	178	772238	44.496	ng	99
73) Carbazole	11.580	167	659191	40.894	ng	99
74) Di-n-butylphthalate	11.904	149	846110	43.111	ng	99
75) Fluoranthene	12.557	202	809319	44.156	ng	98
77) Benzidine	12.680	184	355482	73.704	ng	99
78) Pyrene	12.792	202	803368	44.630	ng	97
80) Butylbenzylphthalate	13.404	149	327672	43.346	ng	98
81) Benzo(a)anthracene	13.980	228	673348	44.647	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	163458	50.660	ng	98
83) Chrysene	14.015	228	616407	42.871	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	448547	45.641	ng	98
85) Di-n-octyl phthalate	14.580	149	668598	45.171	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	446388	42.599	ng	# 92
88) Benzo(b)fluoranthene	15.027	252	519366	46.751	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	483915	46.306	ng	# 97
90) Benzo(a)pyrene	15.392	252	456614	52.295	ng	# 97
91) Dibenzo(a,h)anthracene	16.927	278	392279	45.131	ng	# 94
92) Benzo(g,h,i)perylene	17.351	276	388500	45.098	ng	# 93

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

