

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128895.D
 Acq On : 21 Jun 2022 11:33
 Operator : CG\JU
 Sample : PB145632BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:47:20 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 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	6.775	152	128534	20.000	ng	0.02
21) Naphthalene-d8	8.057	136	492745	20.000	ng	0.02
39) Acenaphthene-d10	9.816	164	274291	20.000	ng	0.02
64) Phenanthrene-d10	11.304	188	397123	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240	282508	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	205635	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	901496	111.716	ng	0.04
7) Phenol-d6	6.440	99	1099499	111.621	ng	0.02
23) Nitrobenzene-d5	7.345	82	789183	74.568	ng	0.02
42) 2,4,6-Tribromophenol	10.616	330	282565	87.188	ng	0.03
45) 2-Fluorobiphenyl	9.139	172	1494807	76.340	ng	0.02
79) Terphenyl-d14	12.892	244	1404584	86.392	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	90801	30.310	ng	95
3) Pyridine	3.352	79	239932	30.149	ng	92
4) n-Nitrosodimethylamine	3.310	42	203769	36.923	ng	# 81
6) Aniline	6.440	93	357197	33.624	ng	# 46
8) 2-Chlorophenol	6.569	128	358962	43.473	ng	99
9) Benzaldehyde	6.322	77	69067	11.509	ng	93
10) Phenol	6.451	94	439223	42.183	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	335267	43.942	ng	97
12) 1,3-Dichlorobenzene	6.716	146	387042	40.546	ng	99
13) 1,4-Dichlorobenzene	6.793	146	393777	40.845	ng	98
14) 1,2-Dichlorobenzene	6.940	146	377498	41.859	ng	97
15) Benzyl Alcohol	6.928	79	322601	39.143	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.051	45	512123	40.739	ng	# 1
17) 2-Methylphenol	7.204	107	372281	57.046	ng	# 81
18) Hexachloroethane	7.281	117	151146	42.140	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	266381	43.495	ng	98
20) 3+4-Methylphenols	7.204	107	372281	42.730	ng	# 82
22) Acetophenone	7.192	105	519657	40.323	ng	94
24) Nitrobenzene	7.363	77	400469	41.216	ng	97
25) Isophorone	7.604	82	713796	44.408	ng	97
26) 2-Nitrophenol	7.681	139	191352	44.699	ng	# 95
27) 2,4-Dimethylphenol	7.728	122	318556	48.850	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	411874	40.534	ng	98
29) 2,4-Dichlorophenol	7.934	162	306006	40.544	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	338061	39.780	ng	99
31) Naphthalene	8.081	128	1033964	40.888	ng	99
32) Benzoic acid	7.887	122	137558	29.732	ng	97
33) 4-Chloroaniline	8.134	127	286302	30.029	ng	97
34) Hexachlorobutadiene	8.192	225	234802	38.959	ng	99
35) Caprolactam	8.522	113	76673m	36.737	ng	
36) 4-Chloro-3-methylphenol	8.639	107	337800	41.011	ng	98
37) 2-Methylnaphthalene	8.775	142	669993	41.654	ng	99
38) 1-Methylnaphthalene	8.869	142	635785	40.912	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	353954	41.550	ng	98
41) Hexachlorocyclopentadiene	8.922	237	241298	47.123	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	199119	34.565	ng	95

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44) 2,4,5-Trichlorophenol	9.116	196	215343	36.172	ng	96
46) 1,1'-Biphenyl	9.239	154	842481	40.936	ng	98
47) 2-Chloronaphthalene	9.263	162	649486	41.358	ng	99
48) 2-Nitroaniline	9.369	65	222902	41.508	ng	97
49) Acenaphthylene	9.681	152	1017409	42.319	ng	99
50) Dimethylphthalate	9.545	163	777029	41.387	ng	100
51) 2,6-Dinitrotoluene	9.610	165	167228	45.129	ng	# 85
52) Acenaphthene	9.851	154	579917	37.041	ng	99
53) 3-Nitroaniline	9.781	138	125819	31.285	ng	98
54) 2,4-Dinitrophenol	9.898	184	142622	69.101	ng	93
55) Dibenzofuran	10.022	168	866551	38.512	ng	95
56) 4-Nitrophenol	9.981	139	147114	50.464	ng	84
57) 2,4-Dinitrotoluene	10.022	165	217563	43.994	ng	# 87
58) Fluorene	10.369	166	586291	33.599	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	135399	27.536	ng	93
60) Diethylphthalate	10.245	149	597198	31.649	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	306044	33.814	ng	98
62) 4-Nitroaniline	10.404	138	115887	28.460	ng	90
63) Azobenzene	10.516	77	544356	29.304	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	89166	38.047	ng	83
66) n-Nitrosodiphenylamine	10.480	169	529418	43.373	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	196336	44.333	ng	97
68) Hexachlorobenzene	10.916	284	220834	44.900	ng	# 88
69) Atrazine	11.010	200	176515	44.969	ng	98
70) Pentachlorophenol	11.122	266	165671	67.480	ng	99
71) Phenanthrene	11.328	178	857529	43.051	ng	98
72) Anthracene	11.380	178	855790	43.407	ng	98
73) Carbazole	11.539	167	745740	40.725	ng	99
74) Di-n-butylphthalate	11.863	149	949941	42.607	ng	100
75) Fluoranthene	12.522	202	905920	43.510	ng	95
77) Benzidine	12.639	184	219511	38.978	ng	100
78) Pyrene	12.751	202	909019	43.249	ng	98
80) Butylbenzylphthalate	13.363	149	376225	42.624	ng	96
81) Benzo(a)anthracene	13.939	228	760590	43.192	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	216435	57.449	ng	# 97
83) Chrysene	13.980	228	693480	41.306	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	525801	45.821	ng	100
85) Di-n-octyl phthalate	14.533	149	786538	45.509	ng	96
87) Indeno(1,2,3-cd)pyrene	16.845	276	545777	44.035	ng	# 91
88) Benzo(b)fluoranthene	14.980	252	602780	45.874	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	586485	47.448	ng	# 96
90) Benzo(a)pyrene	15.339	252	543652	52.642	ng	# 96
91) Dibenzo(a,h)anthracene	16.851	278	490294	47.691	ng	# 95
92) Benzo(g,h,i)perylene	17.274	276	476171	46.734	ng	# 90

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

