

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129970.D
 Acq On : 24 Aug 2022 12:53
 Operator : CG\JU
 Sample : PB147052BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147052BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 24 14:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	136181	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	555439	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296851	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	502424	20.000	ng	0.00
76) Chrysene-d12	13.945	240	283075	20.000	ng	0.00
86) Perylene-d12	15.392	264	233604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1027156	124.882	ng	0.00
7) Phenol-d6	6.440	99	1252771	121.629	ng	0.00
23) Nitrobenzene-d5	7.345	82	832585	80.242	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	364643	122.390	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1519503	77.744	ng	0.00
79) Terphenyl-d14	12.880	244	1613136	94.821	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	113987	33.592	ng	97
3) Pyridine	3.322	79	302799	34.098	ng	98
4) n-Nitrosodimethylamine	3.257	42	195395	47.745	ng	87
6) Aniline	6.440	93	488254	41.591	ng	# 72
8) 2-Chlorophenol	6.569	128	404622	44.190	ng	96
9) Benzaldehyde	6.328	77	267510	50.216	ng	97
10) Phenol	6.451	94	497577	44.040	ng	# 75
11) bis(2-Chloroethyl)ether	6.510	93	370211	43.150	ng	98
12) 1,3-Dichlorobenzene	6.710	146	412282	41.708	ng	99
13) 1,4-Dichlorobenzene	6.787	146	421971	41.778	ng	99
14) 1,2-Dichlorobenzene	6.940	146	400615	42.707	ng	99
15) Benzyl Alcohol	6.928	79	349979	45.009	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	501241	43.600	ng	91
17) 2-Methylphenol	7.045	107	317758	43.220	ng	97
18) Hexachloroethane	7.275	117	163858	43.202	ng	95
19) n-Nitroso-di-n-propyla...	7.193	70	289980	44.540	ng	99
20) 3+4-Methylphenols	7.204	107	418519	42.408	ng	99
22) Acetophenone	7.187	105	584812	43.206	ng	# 97
24) Nitrobenzene	7.363	77	430623	41.158	ng	94
25) Isophorone	7.598	82	774559	43.372	ng	98
26) 2-Nitrophenol	7.675	139	213487	41.483	ng	89
27) 2,4-Dimethylphenol	7.722	122	338490	45.863	ng	95
28) bis(2-Chloroethoxy)met...	7.804	93	468023	44.885	ng	98
29) 2,4-Dichlorophenol	7.928	162	330515	40.955	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	335425	39.398	ng	97
31) Naphthalene	8.075	128	1155142	39.775	ng	99
32) Benzoic acid	7.887	122	165519	49.433	ng	86
33) 4-Chloroaniline	8.134	127	422495	36.994	ng	97
34) Hexachlorobutadiene	8.187	225	209905	40.490	ng	98
35) Caprolactam	8.522	113	102587m	40.877	ng	
36) 4-Chloro-3-methylphenol	8.634	107	369723	42.466	ng	99
37) 2-Methylnaphthalene	8.769	142	755341	39.627	ng	99
38) 1-Methylnaphthalene	8.863	142	709642	38.308	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	342503	41.483	ng	99
41) Hexachlorocyclopentadiene	8.910	237	234040	84.551	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	208532	38.873	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	224248	38.856	ng	97
46) 1,1'-Biphenyl	9.228	154	930456	41.259	ng	98
47) 2-Chloronaphthalene	9.257	162	724261	40.590	ng	97
48) 2-Nitroaniline	9.369	65	240174	42.592	ng	96
49) Acenaphthylene	9.675	152	1063673	39.311	ng	100
50) Dimethylphthalate	9.534	163	848619	39.878	ng	99
51) 2,6-Dinitrotoluene	9.610	165	186696	40.444	ng	97
52) Acenaphthene	9.845	154	646913	39.407	ng	100
53) 3-Nitroaniline	9.781	138	166425	32.601	ng	92
54) 2,4-Dinitrophenol	9.904	184	164957	79.103	ng	93
55) Dibenzofuran	10.016	168	978630	39.680	ng	95
56) 4-Nitrophenol	9.975	139	171253	75.405	ng	90
57) 2,4-Dinitrotoluene	10.022	165	244979	40.882	ng	89
58) Fluorene	10.357	166	815557	39.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	161199	38.060	ng	# 76
60) Diethylphthalate	10.234	149	838407	39.513	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	374519	40.527	ng	93
62) 4-Nitroaniline	10.404	138	199004m	38.641	ng	
63) Azobenzene	10.510	77	817570	40.311	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	115281	39.085	ng	97
66) n-Nitrosodiphenylamine	10.475	169	689767	40.675	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236669	40.218	ng	95
68) Hexachlorobenzene	10.910	284	264779	41.537	ng	92
69) Atrazine	11.004	200	226661	43.549	ng	99
70) Pentachlorophenol	11.116	266	132850	70.205	ng	96
71) Phenanthrene	11.322	178	1128627	40.222	ng	100
72) Anthracene	11.375	178	1146176	41.075	ng	100
73) Carbazole	11.539	167	1032709	40.769	ng	100
74) Di-n-butylphthalate	11.851	149	1282892	39.351	ng	99
75) Fluoranthene	12.516	202	1131781	39.416	ng	98
77) Benzidine	12.639	184	557863	87.121	ng	100
78) Pyrene	12.745	202	1126150	45.780	ng	99
80) Butylbenzylphthalate	13.351	149	428019	41.120	ng	99
81) Benzo(a)anthracene	13.933	228	782744	40.197	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	211642	35.093	ng	99
83) Chrysene	13.969	228	727326	39.901	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	499727	40.466	ng	# 95
85) Di-n-octyl phthalate	14.510	149	695000	40.769	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	800142	49.893	ng	99
88) Benzo(b)fluoranthene	14.974	252	632911	39.567	ng	99
89) Benzo(k)fluoranthene	15.004	252	608566	39.671	ng	98
90) Benzo(a)pyrene	15.333	252	558870	44.366	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	693843	52.435	ng	98
92) Benzo(g,h,i)perylene	17.286	276	719677	54.515	ng	99

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

