

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129713.D
 Acq On : 11 Aug 2022 13:20
 Operator : CG\JU
 Sample : PB146612BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146612BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:55:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	176126	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	725923	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	386048	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	642240	20.000	ng	0.00
76) Chrysene-d12	14.021	240	392689	20.000	ng	0.00
86) Perylene-d12	15.492	264	333816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1212383	112.134	ng	0.02
7) Phenol-d6	6.498	99	1502206	110.538	ng	0.00
23) Nitrobenzene-d5	7.410	82	985322	74.095	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	446253	120.233	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1860629	74.558	ng	0.00
79) Terphenyl-d14	12.957	244	1936972	93.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	135622	27.802	ng	89
3) Pyridine	3.446	79	362966	26.793	ng	86
4) n-Nitrosodimethylamine	3.387	42	214258	36.017	ng	# 89
6) Aniline	6.504	93	543642	32.179	ng	# 44
8) 2-Chlorophenol	6.634	128	501580	42.463	ng	96
9) Benzaldehyde	6.392	77	240394	26.048	ng	99
10) Phenol	6.510	94	581527m	40.183	ng	
11) bis(2-Chloroethyl)ether	6.575	93	465715	40.577	ng	91
12) 1,3-Dichlorobenzene	6.775	146	503285	39.727	ng	99
13) 1,4-Dichlorobenzene	6.857	146	516528	40.090	ng	99
14) 1,2-Dichlorobenzene	7.004	146	487845	41.194	ng	97
15) Benzyl Alcohol	6.992	79	414814	42.087	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	619138	35.888	ng	# 1
17) 2-Methylphenol	7.110	107	405563	41.387	ng	# 90
18) Hexachloroethane	7.345	117	197790	40.770	ng	92
19) n-Nitroso-di-n-propyla...	7.257	70	350928	42.654	ng	90
20) 3+4-Methylphenols	7.263	107	520524	41.777	ng	# 80
22) Acetophenone	7.251	105	697852	41.291	ng	97
24) Nitrobenzene	7.428	77	516330	37.705	ng	95
25) Isophorone	7.663	82	955422	40.082	ng	99
26) 2-Nitrophenol	7.739	139	271900	40.248	ng	96
27) 2,4-Dimethylphenol	7.786	122	452103m	44.615	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	595921	43.096	ng	99
29) 2,4-Dichlorophenol	7.992	162	418246	39.989	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	419163	38.718	ng	97
31) Naphthalene	8.145	128	1417794	38.442	ng	99
32) Benzoic acid	7.933	122	182755	24.947	ng	97
33) 4-Chloroaniline	8.198	127	459411	30.341	ng	97
34) Hexachlorobutadiene	8.251	225	254681	41.386	ng	97
35) Caprolactam	8.580	113	135281m	39.784	ng	
36) 4-Chloro-3-methylphenol	8.698	107	458721	41.352	ng	96
37) 2-Methylnaphthalene	8.833	142	945704	39.458	ng	100
38) 1-Methylnaphthalene	8.933	142	901528	38.965	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	421913	41.622	ng	98
41) Hexachlorocyclopentadiene	8.980	237	355753	78.814	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	270974	36.805	ng	97

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44) 2,4,5-Trichlorophenol	9.175	196	290380	36.268	ng	97
46) 1,1'-Biphenyl	9.298	154	1166661	41.410	ng	99
47) 2-Chloronaphthalene	9.327	162	897825	39.420	ng	99
48) 2-Nitroaniline	9.433	65	286142	37.782	ng	# 85
49) Acenaphthylene	9.745	152	1348710	38.972	ng	99
50) Dimethylphthalate	9.604	163	1077625	40.436	ng	100
51) 2,6-Dinitrotoluene	9.675	165	238260	39.944	ng	93
52) Acenaphthene	9.916	154	952750m	42.150	ng	
53) 3-Nitroaniline	9.845	138	195227	27.717	ng	# 92
54) 2,4-Dinitrophenol	9.963	184	202057	66.356	ng	# 85
55) Dibenzofuran	10.086	168	1208676	38.790	ng	95
56) 4-Nitrophenol	10.033	139	253256	48.737	ng	97
57) 2,4-Dinitrotoluene	10.080	165	301968	38.753	ng	94
58) Fluorene	10.427	166	1015289	40.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	221282	35.764	ng	97
60) Diethylphthalate	10.298	149	1077448	41.823	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	470035	42.764	ng	# 89
62) 4-Nitroaniline	10.469	138	233496m	33.417	ng	
63) Azobenzene	10.580	77	1013642	38.576	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	145052	35.783	ng	92
66) n-Nitrosodiphenylamine	10.539	169	877287	41.017	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	302982	43.082	ng	98
68) Hexachlorobenzene	10.980	284	332536	43.639	ng	98
69) Atrazine	11.074	200	298463	45.942	ng	97
70) Pentachlorophenol	11.186	266	291225	70.301	ng	99
71) Phenanthrene	11.398	178	1388507	39.606	ng	99
72) Anthracene	11.451	178	1403960	40.751	ng	100
73) Carbazole	11.610	167	1265747	39.029	ng	99
74) Di-n-butylphthalate	11.921	149	1690667	43.775	ng	100
75) Fluoranthene	12.586	202	1374507	38.695	ng	98
77) Benzidine	12.710	184	584630	42.142	ng	99
78) Pyrene	12.821	202	1378661	41.984	ng	98
80) Butylbenzylphthalate	13.421	149	641235	45.020	ng	99
81) Benzo(a)anthracene	14.010	228	1063425	39.644	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	283777	32.041	ng	97
83) Chrysene	14.045	228	970317	38.381	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	895644	47.763	ng	100
85) Di-n-octyl phthalate	14.592	149	1286923	47.692	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	941168	41.868	ng	98
88) Benzo(b)fluoranthene	15.062	252	925358	41.790	ng	99
89) Benzo(k)fluoranthene	15.092	252	878137	40.468	ng	99
90) Benzo(a)pyrene	15.433	252	780459	43.419	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	825095	45.096	ng	99
92) Benzo(g,h,i)perylene	17.433	276	822342	43.985	ng	100

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

