

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132474.D
 Acq On : 20 Feb 2023 11:56
 Operator : CG\JU
 Sample : PB150910BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 21 00:32:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 20 13:34:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	254309	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	1003745	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	560953	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	1055789	20.000	ng	0.00
76) Chrysene-d12	14.236	240	689266	20.000	ng	0.00
86) Perylene-d12	15.795	264	530956	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1787105	112.603	ng	0.02
7) Phenol-d6	6.654	99	2375778	114.641	ng	0.00
23) Nitrobenzene-d5	7.595	82	1553566	74.369	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	621712	111.082	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2341791	64.469	ng	0.00
79) Terphenyl-d14	13.166	244	2856611	75.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.996	88	291060	33.901	ng	99
3) Pyridine	3.743	79	705094	30.255	ng	97
4) n-Nitrosodimethylamine	3.707	42	367757	39.967	ng	96
6) Aniline	6.690	93	764579	26.483	ng	97
8) 2-Chlorophenol	6.813	128	735152	45.373	ng	95
10) Phenol	6.672	94	925672m	42.149	ng	
11) bis(2-Chloroethyl)ether	6.760	93	827834	44.438	ng	99
12) 1,3-Dichlorobenzene	6.966	146	742838	42.087	ng	99
13) 1,4-Dichlorobenzene	7.043	146	745791	42.358	ng	99
14) 1,2-Dichlorobenzene	7.195	146	717349	44.470	ng	97
15) Benzyl Alcohol	7.166	79	685047	44.690	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1066955	41.192	ng	97
17) 2-Methylphenol	7.278	107	628380	40.741	ng	98
18) Hexachloroethane	7.543	117	297708	44.781	ng	98
19) n-Nitroso-di-n-propyla...	7.443	70	517970	40.770	ng	96
20) 3+4-Methylphenols	7.431	107	722695	37.950	ng	# 67
22) Acetophenone	7.437	105	969093	37.253	ng	98
24) Nitrobenzene	7.613	77	872376	38.089	ng	99
25) Isophorone	7.848	82	1575965	38.393	ng	100
26) 2-Nitrophenol	7.925	139	394672	44.328	ng	99
27) 2,4-Dimethylphenol	7.960	122	659394m	41.019	ng	
28) bis(2-Chloroethoxy)met...	8.054	93	931009	38.811	ng	99
29) 2,4-Dichlorophenol	8.172	162	613909	40.481	ng	98
30) 1,2,4-Trichlorobenzene	8.254	180	659032	39.074	ng	98
31) Naphthalene	8.337	128	1904284	36.557	ng	99
32) Benzoic acid	8.095	122	510811	44.598	ng	96
33) 4-Chloroaniline	8.378	127	245553	11.346	ng	97
34) Hexachlorobutadiene	8.448	225	420068	39.450	ng	99
35) Caprolactam	8.760	113	226036m	45.911	ng	
36) 4-Chloro-3-methylphenol	8.866	107	698610	41.170	ng	99
37) 2-Methylnaphthalene	9.031	142	1269116	36.201	ng	99
38) 1-Methylnaphthalene	9.131	142	1210197	36.744	ng	100
40) 1,2,4,5-Tetrachloroben...	9.195	216	665889	36.635	ng	99
41) Hexachlorocyclopentadiene	9.178	237	714185	71.538	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	464031	38.754	ng	99
44) 2,4,5-Trichlorophenol	9.354	196	501089	35.930	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.495	154	1542294	35.523	ng	98
47) 2-Chloronaphthalene	9.525	162	1243354	36.486	ng	99
48) 2-Nitroaniline	9.619	65	457609	38.273	ng	94
49) Acenaphthylene	9.942	152	1909524	35.268	ng	99
50) Dimethylphthalate	9.795	163	1509117	36.532	ng	99
51) 2,6-Dinitrotoluene	9.860	165	352170	39.201	ng	93
52) Acenaphthene	10.113	154	1395625m	41.420	ng	
53) 3-Nitroaniline	10.031	138	256423	24.861	ng	100
54) 2,4-Dinitrophenol	10.142	184	451373	80.856	ng	98
55) Dibenzofuran	10.289	168	1768210	35.369	ng	99
56) 4-Nitrophenol	10.195	139	573512	76.641	ng	98
57) 2,4-Dinitrotoluene	10.266	165	472912	39.990	ng	98
58) Fluorene	10.631	166	1365152	36.119	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	409185	38.821	ng	98
60) Diethylphthalate	10.495	149	1473043	36.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.619	204	701051	35.419	ng	98
62) 4-Nitroaniline	10.654	138	369075	38.347	ng	98
63) Azobenzene	10.778	77	1591354	35.418	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	281774	42.927	ng	91
66) n-Nitrosodiphenylamine	10.742	169	1225105	37.806	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	444766	38.436	ng	93
68) Hexachlorobenzene	11.183	284	493820	40.826	ng	95
69) Atrazine	11.260	200	163924	16.435	ng	99
70) Pentachlorophenol	11.378	266	539051	71.681	ng	99
71) Phenanthrene	11.601	178	2013321	37.025	ng	100
72) Anthracene	11.654	178	2038589	36.468	ng	98
73) Carbazole	11.807	167	1879754	37.357	ng	100
74) Di-n-butylphthalate	12.125	149	2253642	37.601	ng	99
75) Fluoranthene	12.795	202	2228262	36.744	ng	98
77) Benzidine	12.913	184	297071	20.240	ng	97
78) Pyrene	13.030	202	2248243	38.397	ng	98
80) Butylbenzylphthalate	13.636	149	930073	42.568	ng	97
81) Benzo(a)anthracene	14.224	228	1867161	36.986	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	450713	33.426	ng	99
83) Chrysene	14.260	228	1691905	35.078	ng	100
84) Bis(2-ethylhexyl)phtha...	14.189	149	1131925	40.020	ng #	98
85) Di-n-octyl phthalate	14.819	149	1700111	41.396	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	1594299	46.973	ng	99
88) Benzo(b)fluoranthene	15.324	252	1566860	44.875	ng	99
89) Benzo(k)fluoranthene	15.360	252	1434828	41.064	ng	99
90) Benzo(a)pyrene	15.730	252	1313203	40.470	ng	99
91) Dibenzo(a,h)anthracene	17.436	278	1340403	47.949	ng	99
92) Benzo(g,h,i)perylene	17.912	276	1394155	48.562	ng	99

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

