

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132338.D
 Acq On : 06 Feb 2023 15:07
 Operator : CG\JU
 Sample : PB150684BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150684BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:08:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	171199	20.000	ng	0.00
21) Naphthalene-d8	8.343	136	670621	20.000	ng	# 0.00
39) Acenaphthene-d10	10.107	164	338802	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	653139	20.000	ng	0.00
76) Chrysene-d12	14.266	240	428419	20.000	ng	0.00
86) Perylene-d12	15.836	264	351870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1317624	123.712	ng	0.02
7) Phenol-d6	6.672	99	1588578	120.981	ng	0.00
23) Nitrobenzene-d5	7.619	82	966923	80.234	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	553799	158.950	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1794570	81.796	ng	0.00
79) Terphenyl-d14	13.195	244	2198041	99.246	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.031	88	178386	35.595	ng	95
3) Pyridine	3.778	79	445974	32.802	ng	95
4) n-Nitrosodimethylamine	3.737	42	161781	37.188	ng	93
6) Aniline	6.713	93	558310m	31.333	ng	
8) 2-Chlorophenol	6.837	128	529654	48.015	ng	94
9) Benzaldehyde	6.601	77	183982	21.619	ng	98
10) Phenol	6.690	94	586980	43.189	ng	95
11) bis(2-Chloroethyl)ether	6.784	93	491484	43.940	ng	95
12) 1,3-Dichlorobenzene	6.996	146	554301	47.510	ng	97
13) 1,4-Dichlorobenzene	7.072	146	553820	47.555	ng	99
14) 1,2-Dichlorobenzene	7.225	146	538126	49.547	ng	98
15) Benzyl Alcohol	7.190	79	392445	40.960	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.325	45	450465	38.225	ng	93
17) 2-Methylphenol	7.296	107	407107	42.161	ng	99
18) Hexachloroethane	7.566	117	207979	47.605	ng	97
19) n-Nitroso-di-n-propyla...	7.460	70	286861	38.461	ng	97
20) 3+4-Methylphenols	7.448	107	514856	41.775	ng	93
22) Acetophenone	7.460	105	662075	41.980	ng	99
24) Nitrobenzene	7.637	77	477957	38.821	ng	96
25) Isophorone	7.872	82	911791	39.862	ng	97
26) 2-Nitrophenol	7.954	139	282874	47.169	ng	# 90
27) 2,4-Dimethylphenol	7.978	122	465136	44.312	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	578024	41.122	ng	98
29) 2,4-Dichlorophenol	8.190	162	424757	45.578	ng	99
30) 1,2,4-Trichlorobenzene	8.278	180	464252	46.520	ng	98
31) Naphthalene	8.366	128	1405389	42.575	ng	99
32) Benzoic acid	8.095	122	359531	46.273	ng	92
33) 4-Chloroaniline	8.401	127	245981	16.805	ng	98
34) Hexachlorobutadiene	8.472	225	270782	48.265	ng	100
35) Caprolactam	8.784	113	146087m	45.981	ng	
36) 4-Chloro-3-methylphenol	8.878	107	450316	44.852	ng	99
37) 2-Methylnaphthalene	9.054	142	944925	42.260	ng	100
38) 1-Methylnaphthalene	9.154	142	888821	42.775	ng	99
40) 1,2,4,5-Tetrachloroben...	9.225	216	441269	46.282	ng	100
41) Hexachlorocyclopentadiene	9.207	237	537796	96.681	ng	99
43) 2,4,6-Trichlorophenol	9.331	196	317011	46.514	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	340861	43.453	ng	98
46) 1,1'-Biphenyl	9.519	154	1157382	44.311	ng	98
47) 2-Chloronaphthalene	9.548	162	897837	45.131	ng	99
48) 2-Nitroaniline	9.642	65	228884	38.685	ng	# 81
49) Acenaphthylene	9.972	152	1406879	43.331	ng	99
50) Dimethylphthalate	9.819	163	1068881	45.102	ng	99
51) 2,6-Dinitrotoluene	9.884	165	248202	46.893	ng	# 85
52) Acenaphthene	10.142	154	1006339	49.507	ng	100
53) 3-Nitroaniline	10.054	138	196246	30.573	ng	95
54) 2,4-Dinitrophenol	10.160	184	297567	96.067	ng	93
55) Dibenzofuran	10.313	168	1244641	43.579	ng	100
56) 4-Nitrophenol	10.207	139	439189	90.926	ng	93
57) 2,4-Dinitrotoluene	10.289	165	335585	48.808	ng	92
58) Fluorene	10.660	166	977872	44.489	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.425	232	283342	49.546	ng	98
60) Diethylphthalate	10.519	149	1101642	46.727	ng	99
61) 4-Chlorophenyl-phenylether	10.648	204	479359	45.953	ng	96
62) 4-Nitroaniline	10.678	138	266969	43.372	ng	97
63) Azobenzene	10.807	77	906874	39.489	ng	95
65) 4,6-Dinitro-2-methylph...	10.701	198	186387	50.280	ng	90
66) n-Nitrosodiphenylamine	10.766	169	870225	42.550	ng	100
67) 4-Bromophenyl-phenylether	11.142	248	308361	46.106	ng	96
68) Hexachlorobenzene	11.207	284	356835	49.917	ng	97
69) Atrazine	11.289	200	306041	52.024	ng	97
70) Pentachlorophenol	11.401	266	411412	83.762	ng	99
71) Phenanthrene	11.631	178	1474852	43.212	ng	99
72) Anthracene	11.683	178	1481826	42.662	ng	99
73) Carbazole	11.831	167	1346320	43.229	ng	99
74) Di-n-butylphthalate	12.154	149	1692079	45.956	ng	100
75) Fluoranthene	12.825	202	1525637	43.804	ng	99
77) Benzidine	12.942	184	490442	32.744	ng	98
78) Pyrene	13.060	202	1541662	44.740	ng	99
80) Butylbenzylphthalate	13.666	149	732448	48.111	ng	98
81) Benzo(a)anthracene	14.254	228	1329116	44.357	ng	98
82) 3,3'-Dichlorobenzidine	14.213	252	262574	27.513	ng	# 98
83) Chrysene	14.295	228	1221005	43.517	ng	99
84) Bis(2-ethylhexyl)phtha...	14.225	149	1006883	48.930	ng	# 99
85) Di-n-octyl phthalate	14.854	149	1525074	45.438	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.477	276	1146354	49.030	ng	97
88) Benzo(b)fluoranthene	15.366	252	1159086	51.823	ng	99
89) Benzo(k)fluoranthene	15.401	252	1066907	49.974	ng	99
90) Benzo(a)pyrene	15.771	252	937927	45.033	ng	99
91) Dibenzo(a,h)anthracene	17.501	278	952811	50.688	ng	98
92) Benzo(g,h,i)perylene	17.983	276	945519	48.688	ng	97

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

