

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130318.D
 Acq On : 19 Sep 2022 13:27
 Operator : CG\JU
 Sample : PB147677BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147677BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 19 15:09:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	115642	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	459653	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	233246	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	381193	20.000	ng	0.00
76) Chrysene-d12	13.804	240	227924	20.000	ng	0.00
86) Perylene-d12	15.186	264	188126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	896370	134.443	ng	0.02
7) Phenol-d6	6.304	99	1082136	129.716	ng	0.00
23) Nitrobenzene-d5	7.234	82	713388	79.290	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	333502	149.222	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1328207	82.922	ng	0.00
79) Terphenyl-d14	12.757	244	1315976	95.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	100261	32.743	ng	98
3) Pyridine	3.069	79	262500	32.863	ng	99
4) n-Nitrosodimethylamine	3.028	42	172979	39.817	ng	95
6) Aniline	6.328	93	427700	41.610	ng	98
8) 2-Chlorophenol	6.445	128	344205	45.320	ng	95
9) Benzaldehyde	6.210	77	204312	36.562	ng	94
10) Phenol	6.316	94	415205	42.470	ng	87
11) bis(2-Chloroethyl)ether	6.404	93	311318	44.149	ng	97
12) 1,3-Dichlorobenzene	6.598	146	369511	44.216	ng	98
13) 1,4-Dichlorobenzene	6.681	146	377749	44.326	ng	98
14) 1,2-Dichlorobenzene	6.828	146	358181	44.992	ng	98
15) Benzyl Alcohol	6.810	79	283623	42.880	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.945	45	422887	41.118	ng	97
17) 2-Methylphenol	6.928	107	265176	42.951	ng	98
18) Hexachloroethane	7.169	117	146560	43.629	ng	98
19) n-Nitroso-di-n-propyla...	7.086	70	239869	42.611	ng	96
20) 3+4-Methylphenols	7.081	107	337500	42.081	ng	# 88
22) Acetophenone	7.081	105	488232	43.445	ng	99
24) Nitrobenzene	7.251	77	364205	39.866	ng	95
25) Isophorone	7.492	82	640926	44.198	ng	99
26) 2-Nitrophenol	7.563	139	177151	47.303	ng	95
27) 2,4-Dimethylphenol	7.610	122	288510	50.033	ng	98
28) bis(2-Chloroethoxy)met...	7.704	93	382885	46.891	ng	99
29) 2,4-Dichlorophenol	7.804	162	276097	43.693	ng	97
30) 1,2,4-Trichlorobenzene	7.886	180	292942	42.879	ng	97
31) Naphthalene	7.969	128	988597	41.747	ng	99
32) Benzoic acid	7.745	122	202544	45.421	ng	97
33) 4-Chloroaniline	8.022	127	320424	35.577	ng	96
34) Hexachlorobutadiene	8.081	225	186744	42.771	ng	97
35) Caprolactam	8.398	113	85132m	46.995	ng	
36) 4-Chloro-3-methylphenol	8.504	107	304117	43.420	ng	96
37) 2-Methylnaphthalene	8.657	142	639987	42.387	ng	99
38) 1-Methylnaphthalene	8.757	142	599516	41.333	ng	99
40) 1,2,4,5-Tetrachloroben...	8.822	216	292413	45.938	ng	99
41) Hexachlorocyclopentadiene	8.810	237	394299	115.699	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	196420	44.214	ng	95

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44) 2,4,5-Trichlorophenol	8.975	196	206258	43.025	ng	98
46) 1,1'-Biphenyl	9.122	154	768238	44.101	ng	99
47) 2-Chloronaphthalene	9.145	162	597746	42.419	ng	98
48) 2-Nitroaniline	9.245	65	187696	39.936	ng	93
49) Acenaphthylene	9.557	152	886230	41.945	ng	99
50) Dimethylphthalate	9.433	163	686013	42.579	ng	98
51) 2,6-Dinitrotoluene	9.486	165	149147	44.263	ng	96
52) Acenaphthene	9.727	154	649842m	46.812	ng	
53) 3-Nitroaniline	9.657	138	124469	33.151	ng	94
54) 2,4-Dinitrophenol	9.763	184	157870	85.871	ng	92
55) Dibenzofuran	9.904	168	810523	41.977	ng	97
56) 4-Nitrophenol	9.827	139	243689	89.110	ng	# 82
57) 2,4-Dinitrotoluene	9.892	165	196182	45.556	ng	90
58) Fluorene	10.239	166	651606	41.264	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	159184	42.424	ng	96
60) Diethylphthalate	10.127	149	674489	41.746	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	303611	43.829	ng	95
62) 4-Nitroaniline	10.274	138	154381	40.930	ng	91
63) Azobenzene	10.398	77	652498	39.220	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	95924	45.205	ng	94
66) n-Nitrosodiphenylamine	10.357	169	553447	43.448	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	190750	45.361	ng	94
68) Hexachlorobenzene	10.780	284	219023	45.947	ng	# 92
69) Atrazine	10.886	200	180791	48.566	ng	99
70) Pentachlorophenol	10.980	266	242779	94.898	ng	99
71) Phenanthrene	11.198	178	898374	41.977	ng	100
72) Anthracene	11.251	178	907396	43.935	ng	99
73) Carbazole	11.410	167	817243	43.845	ng	99
74) Di-n-butylphthalate	11.745	149	1015895	45.198	ng	99
75) Fluoranthene	12.380	202	887446	42.912	ng	99
77) Benzidine	12.510	184	470751	71.149	ng	99
78) Pyrene	12.610	202	880390	44.154	ng	99
80) Butylbenzylphthalate	13.233	149	353862	47.906	ng	96
81) Benzo(a)anthracene	13.792	228	649979	42.867	ng	99
82) 3,3'-Dichlorobenzidine	13.762	252	195395	47.341	ng	99
83) Chrysene	13.827	228	598696	41.585	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	430882	50.927	ng	98
85) Di-n-octyl phthalate	14.404	149	608577	47.027	ng	98
87) Indeno(1,2,3-cd)pyrene	16.509	276	599703	44.953	ng	99
88) Benzo(b)fluoranthene	14.804	252	592882m	48.285	ng	
89) Benzo(k)fluoranthene	14.827	252	510938	42.301	ng	99
90) Benzo(a)pyrene	15.133	252	483028	49.654	ng	97
91) Dibenzo(a,h)anthracene	16.533	278	518996	47.422	ng	99
92) Benzo(g,h,i)perylene	16.915	276	514273	46.648	ng	98

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

