

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130987.D
 Acq On : 04 Nov 2022 12:15
 Operator : CG\JU
 Sample : PB148686BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/05/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 05 00:35:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	99366	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	396739	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	180706	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	330999	20.000	ng	0.00
76) Chrysene-d12	14.109	240	228900	20.000	ng	0.00
86) Perylene-d12	15.615	264	170655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	685797	119.649	ng	0.02
7) Phenol-d6	6.545	99	992999	133.317	ng	0.00
23) Nitrobenzene-d5	7.486	82	592041	89.982	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	265597	174.599	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1189973	99.559	ng	0.00
79) Terphenyl-d14	13.051	244	1235994	98.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	93378	36.337	ng	96
3) Pyridine	3.563	79	244358	33.949	ng	99
4) n-Nitrosodimethylamine	3.528	42	183007	45.290	ng	97
6) Aniline	6.581	93	339896m	36.904	ng	
8) 2-Chlorophenol	6.698	128	272436	42.668	ng	96
9) Benzaldehyde	6.463	77	56765	11.907	ng	92
10) Phenol	6.557	94	369545m	46.105	ng	
11) bis(2-Chloroethyl)ether	6.651	93	267755	42.853	ng	98
12) 1,3-Dichlorobenzene	6.857	146	295191	40.799	ng	100
13) 1,4-Dichlorobenzene	6.933	146	324803	44.226	ng	99
14) 1,2-Dichlorobenzene	7.086	146	303002	44.549	ng	99
15) Benzyl Alcohol	7.057	79	229878	36.296	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	448964	40.311	ng	94
17) 2-Methylphenol	7.169	107	219209	40.167	ng	97
18) Hexachloroethane	7.428	117	122029	45.975	ng	96
19) n-Nitroso-di-n-propyla...	7.333	70	188955	37.286	ng	100
20) 3+4-Methylphenols	7.322	107	248427	35.011	ng	# 76
22) Acetophenone	7.328	105	357979	37.215	ng	# 90
24) Nitrobenzene	7.504	77	320359	44.528	ng	96
25) Isophorone	7.739	82	633077	46.660	ng	99
26) 2-Nitrophenol	7.816	139	148750	52.062	ng	93
27) 2,4-Dimethylphenol	7.851	122	259620	45.978	ng	98
28) bis(2-Chloroethoxy)met...	7.945	93	305416	40.306	ng	100
29) 2,4-Dichlorophenol	8.057	162	220114	37.893	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	242178	38.772	ng	98
31) Naphthalene	8.228	128	872175	42.136	ng	99
32) Benzoic acid	7.986	122	131667	35.240	ng	93
33) 4-Chloroaniline	8.275	127	293347	35.864	ng	97
34) Hexachlorobutadiene	8.333	225	153274	36.965	ng	99
35) Caprolactam	8.657	113	72331m	38.857	ng	
36) 4-Chloro-3-methylphenol	8.757	107	253467	40.227	ng	99
37) 2-Methylnaphthalene	8.916	142	519496	39.899	ng	99
38) 1-Methylnaphthalene	9.016	142	449199	35.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.080	216	276749	54.005	ng	99
41) Hexachlorocyclopentadiene	9.069	237	274131	101.811	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	165916	46.594	ng	100

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44) 2,4,5-Trichlorophenol	9.245	196	209042	54.948	ng	97
46) 1,1'-Biphenyl	9.386	154	659566	51.231	ng	99
47) 2-Chloronaphthalene	9.410	162	487589	47.231	ng	99
48) 2-Nitroaniline	9.510	65	177291	52.941	ng	93
49) Acenaphthylene	9.827	152	749603	45.949	ng	100
50) Dimethylphthalate	9.686	163	667716	53.796	ng	99
51) 2,6-Dinitrotoluene	9.751	165	133338	56.018	ng	89
52) Acenaphthene	10.004	154	542370m	53.766	ng	
53) 3-Nitroaniline	9.922	138	107453	44.447	ng	# 95
54) 2,4-Dinitrophenol	10.033	184	162802	117.884	ng	86
55) Dibenzofuran	10.174	168	633410	43.320	ng	99
56) 4-Nitrophenol	10.086	139	189893	99.201	ng	97
57) 2,4-Dinitrotoluene	10.157	165	171584	57.117	ng	93
58) Fluorene	10.516	166	507376	44.068	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	173204	55.222	ng	95
60) Diethylphthalate	10.386	149	629273	51.551	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	256465	46.563	ng	95
62) 4-Nitroaniline	10.545	138	146756	59.949	ng	93
63) Azobenzene	10.669	77	623097	48.900	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	95336	65.463	ng	89
66) n-Nitrosodiphenylamine	10.627	169	483076	46.790	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	181090	54.402	ng	93
68) Hexachlorobenzene	11.063	284	177402	48.371	ng	97
69) Atrazine	11.157	200	163546	54.852	ng	97
70) Pentachlorophenol	11.263	266	171590	81.990	ng	97
71) Phenanthrene	11.486	178	727417	42.579	ng	100
72) Anthracene	11.539	178	728934	43.259	ng	100
73) Carbazole	11.692	167	659534	43.706	ng	99
74) Di-n-butylphthalate	12.015	149	858796	46.860	ng	99
75) Fluoranthene	12.680	202	870494	47.957	ng	98
77) Benzidine	12.798	184	284103	51.130	ng	99
78) Pyrene	12.910	202	839887	43.491	ng	99
80) Butylbenzylphthalate	13.521	149	309901	44.604	ng	96
81) Benzo(a)anthracene	14.098	228	655758	43.210	ng	100
82) 3,3'-Dichlorobenzidine	14.062	252	205670	50.213	ng	93
83) Chrysene	14.139	228	574338	39.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	419056	50.163	ng	100
85) Di-n-octyl phthalate	14.698	149	544338	47.213	ng	99
87) Indeno(1,2,3-cd)pyrene	17.156	276	469820	41.457	ng	97
88) Benzo(b)fluoranthene	15.168	252	509814	46.214	ng	99
89) Benzo(k)fluoranthene	15.204	252	469969	43.720	ng	99
90) Benzo(a)pyrene	15.551	252	468844	52.869	ng	98
91) Dibenzo(a,h)anthracene	17.174	278	408800	44.250	ng	97
92) Benzo(g,h,i)perylene	17.627	276	405714	43.046	ng	98

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

