

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132415.D
 Acq On : 13 Feb 2023 18:01
 Operator : CG\JU
 Sample : PB150790BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150790BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 01:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	156160	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	590476	20.000	ng	0.00
39) Acenaphthene-d10	10.089	164	297880	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	540574	20.000	ng	0.00
76) Chrysene-d12	14.242	240	379932	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	395495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1144503	133.743	ng	0.02
7) Phenol-d6	6.660	99	1352851	126.848	ng	0.00
23) Nitrobenzene-d5	7.601	82	823710	83.219	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	499243	125.944	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1615120	78.494	ng	0.00
79) Terphenyl-d14	13.177	244	1879140	83.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.031	88	125775	20.003	ng	99
3) Pyridine	3.766	79	473117	41.583	ng	98
4) n-Nitrosodimethylamine	3.737	42	170078	45.781	ng	87
6) Aniline	6.695	93	532032m	45.886	ng	
8) 2-Chlorophenol	6.819	128	472417	46.124	ng	99
9) Benzaldehyde	6.584	77	207560	52.924	ng	98
10) Phenol	6.672	94	493793	45.382	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	449246	41.091	ng	99
12) 1,3-Dichlorobenzene	6.978	146	506716	45.131	ng	100
13) 1,4-Dichlorobenzene	7.054	146	509047	45.171	ng	99
14) 1,2-Dichlorobenzene	7.207	146	489836	46.227	ng	98
15) Benzyl Alcohol	7.178	79	334735	52.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	370574	42.683	ng	99
17) 2-Methylphenol	7.284	107	354917	38.410	ng	99
18) Hexachloroethane	7.548	117	191273	42.783	ng	99
19) n-Nitroso-di-n-propyla...	7.448	70	242137	39.787	ng	97
20) 3+4-Methylphenols	7.431	107	431514	37.167	ng	94
22) Acetophenone	7.442	105	584011	42.427	ng	98
24) Nitrobenzene	7.619	77	416177	42.248	ng	98
25) Isophorone	7.854	82	764601	43.847	ng	98
26) 2-Nitrophenol	7.936	139	253595	46.913	ng	95
27) 2,4-Dimethylphenol	7.966	122	403037	45.729	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	495961	44.004	ng	99
29) 2,4-Dichlorophenol	8.178	162	381551	43.752	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	430852	43.501	ng	96
31) Naphthalene	8.342	128	1254885	40.545	ng	100
32) Benzoic acid	8.089	122	293204	63.391	ng	99
33) 4-Chloroaniline	8.389	127	333249	29.287	ng	98
34) Hexachlorobutadiene	8.454	225	263179	41.624	ng	98
35) Caprolactam	8.766	113	118802m	45.470	ng	
36) 4-Chloro-3-methylphenol	8.866	107	385308	40.999	ng	100
37) 2-Methylnaphthalene	9.036	142	833568	34.513	ng	100
38) 1-Methylnaphthalene	9.136	142	778060	34.132	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	406766	43.284	ng	99
41) Hexachlorocyclopentadiene	9.189	237	599180	104.722	ng	98
43) 2,4,6-Trichlorophenol	9.313	196	279192	43.748	ng	99

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44) 2,4,5-Trichlorophenol	9.354	196	291284	39.849	ng	95
46) 1,1'-Biphenyl	9.501	154	1016690	41.846	ng	99
47) 2-Chloronaphthalene	9.530	162	791167	42.566	ng	98
48) 2-Nitroaniline	9.625	65	184708	42.584	ng	95
49) Acenaphthylene	9.948	152	1213876	41.079	ng	100
50) Dimethylphthalate	9.801	163	908213	40.480	ng	100
51) 2,6-Dinitrotoluene	9.866	165	210085	42.683	ng	94
52) Acenaphthene	10.119	154	873928	45.897	ng	100
53) 3-Nitroaniline	10.036	138	183637	33.542	ng	96
54) 2,4-Dinitrophenol	10.142	184	257321	94.025	ng	93
55) Dibenzofuran	10.295	168	1072903	40.453	ng	99
56) 4-Nitrophenol	10.195	139	353228	86.557	ng	94
57) 2,4-Dinitrotoluene	10.272	165	277764	42.956	ng	98
58) Fluorene	10.636	166	833508	40.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	243232	43.353	ng	98
60) Diethylphthalate	10.501	149	900693	40.101	ng	98
61) 4-Chlorophenyl-phenyle...	10.624	204	410098	39.585	ng	95
62) 4-Nitroaniline	10.660	138	218423	43.565	ng	95
63) Azobenzene	10.789	77	715769	40.378	ng	96
65) 4,6-Dinitro-2-methylph...	10.677	198	156337	46.519	ng	84
66) n-Nitrosodiphenylamine	10.748	169	729984	41.830	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	265556	42.089	ng	95
68) Hexachlorobenzene	11.189	284	316195	45.309	ng	93
69) Atrazine	11.272	200	238083	48.656	ng	99
70) Pentachlorophenol	11.383	266	347785	83.293	ng	98
71) Phenanthrene	11.607	178	1235528	41.923	ng	100
72) Anthracene	11.660	178	1258540	41.695	ng	99
73) Carbazole	11.813	167	1119736	43.229	ng	99
74) Di-n-butylphthalate	12.136	149	1396183	42.923	ng	99
75) Fluoranthene	12.807	202	1264863	43.368	ng	98
77) Benzidine	12.924	184	844542	156.239	ng	99
78) Pyrene	13.036	202	1312103	41.672	ng	99
80) Butylbenzylphthalate	13.648	149	586983	44.975	ng	95
81) Benzo(a)anthracene	14.236	228	1196596	43.290	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	325167	42.537	ng	99
83) Chrysene	14.271	228	1102053	42.250	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	828145	45.113	ng	99
85) Di-n-octyl phthalate	14.836	149	1377337	47.037	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	1083427	38.540	ng	100
88) Benzo(b)fluoranthene	15.342	252	1159368	45.154	ng	99
89) Benzo(k)fluoranthene	15.377	252	1148114	44.953	ng	99
90) Benzo(a)pyrene	15.742	252	1002666	41.580	ng	99
91) Dibenzo(a,h)anthracene	17.453	278	899573	38.422	ng	99
92) Benzo(g,h,i)perylene	17.930	276	870201	37.734	ng	98

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

