

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132166.D
 Acq On : 20 Jan 2023 17:50
 Operator : CG\JU
 Sample : PB150261BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150261BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:54:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	217890	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	817144	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	452081	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	890389	20.000	ng	0.00
76) Chrysene-d12	14.307	240	547274	20.000	ng	0.00
86) Perylene-d12	15.901	264	454259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1444679	115.824	ng	0.02
7) Phenol-d6	6.713	99	1870454	119.127	ng	0.01
23) Nitrobenzene-d5	7.660	82	1232470	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	585743	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1931210	62.421	ng	0.00
79) Terphenyl-d14	13.236	244	2426193	74.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	213117	33.726	ng	99
3) Pyridine	3.860	79	555429	32.742	ng	100
4) n-Nitrosodimethylamine	3.819	42	340404	42.668	ng	100
6) Aniline	6.754	93	732006m	33.659	ng	
8) 2-Chlorophenol	6.872	128	591385	45.106	ng	98
9) Benzaldehyde	6.642	77	112902	11.177	ng	99
10) Phenol	6.725	94	667438	40.833	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	576810	41.685	ng	97
12) 1,3-Dichlorobenzene	7.037	146	600950	41.004	ng	96
13) 1,4-Dichlorobenzene	7.107	146	607865	41.566	ng	99
14) 1,2-Dichlorobenzene	7.260	146	589565	43.599	ng	96
15) Benzyl Alcohol	7.231	79	519349m	43.244	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	827918	41.167	ng	99
17) 2-Methylphenol	7.331	107	459603	40.014	ng	98
18) Hexachloroethane	7.607	117	233067	44.397	ng	98
19) n-Nitroso-di-n-propyla...	7.501	70	376881	39.186	ng	99
20) 3+4-Methylphenols	7.484	107	572923	39.585	ng	96
22) Acetophenone	7.501	105	734409	37.393	ng	96
24) Nitrobenzene	7.678	77	626698	38.480	ng	98
25) Isophorone	7.913	82	1161530	38.593	ng	98
26) 2-Nitrophenol	7.989	139	289607	46.908	ng	92
27) 2,4-Dimethylphenol	8.019	122	505836	38.841	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	650418	36.019	ng	99
29) 2,4-Dichlorophenol	8.231	162	488258	39.491	ng	97
30) 1,2,4-Trichlorobenzene	8.319	180	521335	37.123	ng	100
31) Naphthalene	8.401	128	1529587	36.448	ng	99
32) Benzoic acid	8.136	122	395481	45.893	ng	95
33) 4-Chloroaniline	8.442	127	460561	25.645	ng	99
34) Hexachlorobutadiene	8.513	225	360420	38.205	ng	99
35) Caprolactam	8.819	113	174593m	49.796	ng	
36) 4-Chloro-3-methylphenol	8.919	107	507408	40.781	ng	99
37) 2-Methylnaphthalene	9.095	142	1011566	35.010	ng	99
38) 1-Methylnaphthalene	9.195	142	961002	35.746	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	540032	34.333	ng	99
41) Hexachlorocyclopentadiene	9.248	237	644119	75.042	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	378074	38.730	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	413640	36.230	ng	99
46) 1,1'-Biphenyl	9.560	154	1230701	34.506	ng	99
47) 2-Chloronaphthalene	9.589	162	976260	35.409	ng	97
48) 2-Nitroaniline	9.678	65	353025	40.460	ng	97
49) Acenaphthylene	10.007	152	1528218	34.648	ng	100
50) Dimethylphthalate	9.860	163	1170301	35.743	ng	99
51) 2,6-Dinitrotoluene	9.919	165	271091	42.716	ng	89
52) Acenaphthene	10.183	154	1045933	39.425	ng	97
53) 3-Nitroaniline	10.095	138	248676	36.650	ng	92
54) 2,4-Dinitrophenol	10.195	184	303641	101.083	ng	# 48
55) Dibenzofuran	10.354	168	1409163	34.371	ng	96
56) 4-Nitrophenol	10.242	139	456046	92.351	ng	83
57) 2,4-Dinitrotoluene	10.330	165	356841	46.843	ng	# 84
58) Fluorene	10.701	166	1056575	34.779	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	341762	39.352	ng	99
60) Diethylphthalate	10.560	149	1163855	36.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	550011	33.811	ng	98
62) 4-Nitroaniline	10.719	138	271454	42.972	ng	97
63) Azobenzene	10.848	77	1141670	35.428	ng	98
65) 4,6-Dinitro-2-methylph...	10.736	198	190895	44.367	ng	98
66) n-Nitrosodiphenylamine	10.807	169	966382	33.889	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	369213	34.020	ng	92
68) Hexachlorobenzene	11.248	284	400751	37.154	ng	95
69) Atrazine	11.330	200	344877	39.200	ng	100
70) Pentachlorophenol	11.442	266	491824	70.956	ng	97
71) Phenanthrene	11.672	178	1646216	35.231	ng	99
72) Anthracene	11.725	178	1644806	34.795	ng	99
73) Carbazole	11.872	167	1557956	38.584	ng	99
74) Di-n-butylphthalate	12.195	149	1762249	39.205	ng	99
75) Fluoranthene	12.871	202	1861893	38.792	ng	99
77) Benzidine	12.983	184	534198	32.510	ng	99
78) Pyrene	13.101	202	1862871	36.935	ng	98
80) Butylbenzylphthalate	13.707	149	663915	40.868	ng	99
81) Benzo(a)anthracene	14.295	228	1420402	36.330	ng	99
82) 3,3'-Dichlorobenzidine	14.254	252	415208	38.133	ng	99
83) Chrysene	14.336	228	1302082	34.988	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	787786	36.682	ng	99
85) Di-n-octyl phthalate	14.907	149	1074128	36.266	ng	100
87) Indeno(1,2,3-cd)pyrene	17.571	276	1382511	38.690	ng	99
88) Benzo(b)fluoranthene	15.418	252	1267072	45.812	ng	100
89) Benzo(k)fluoranthene	15.454	252	1189646	42.174	ng	99
90) Benzo(a)pyrene	15.836	252	1096130	41.198	ng	100
91) Dibenzo(a,h)anthracene	17.595	278	1178158	43.824	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1250518	40.685	ng	98

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

