

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132025.D
 Acq On : 11 Jan 2023 16:12
 Operator : CG\JU
 Sample : PB150055BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150055BS

Quant Time: Jan 12 00:34:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

01/12/2023
 Supervised By : Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95650	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	383862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	241198	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	452202	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274478	20.000	ng	0.00
86) Perylene-d12	15.445	264	189229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	722366	124.443	ng	0.01
7) Phenol-d6	6.440	99	938949	121.998	ng	0.00
23) Nitrobenzene-d5	7.363	82	660530	71.417	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	302552	109.096	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1240972	69.456	ng	0.00
79) Terphenyl-d14	12.922	244	1509060	78.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	78121	30.814	ng	98
3) Pyridine	3.252	79	209783	29.483	ng	98
4) n-Nitrosodimethylamine	3.228	42	136109	40.702	ng	92
6) Aniline	6.446	93	294923	29.124	ng	# 10
8) 2-Chlorophenol	6.569	128	261827	44.957	ng	98
9) Benzaldehyde	6.328	77	88814	17.343	ng	95
10) Phenol	6.451	94	367089	42.756	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	269202	41.594	ng	96
12) 1,3-Dichlorobenzene	6.722	146	272964	42.079	ng	98
13) 1,4-Dichlorobenzene	6.798	146	275814	42.022	ng	98
14) 1,2-Dichlorobenzene	6.951	146	263985	42.348	ng	98
15) Benzyl Alcohol	6.940	79	285781	42.640	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	330524	40.467	ng	# 54
17) 2-Methylphenol	7.057	107	242276	42.036	ng	92
18) Hexachloroethane	7.293	117	115332	42.490	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	229082	41.146	ng	98
20) 3+4-Methylphenols	7.210	107	309246	41.793	ng	# 84
22) Acetophenone	7.204	105	436682	39.072	ng	96
24) Nitrobenzene	7.381	77	347650	36.922	ng	98
25) Isophorone	7.622	82	647549	37.477	ng	99
26) 2-Nitrophenol	7.692	139	145254	39.206	ng	95
27) 2,4-Dimethylphenol	7.740	122	244820	39.589	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	359387	37.582	ng	99
29) 2,4-Dichlorophenol	7.940	162	254660	40.204	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	279578	38.539	ng	98
31) Naphthalene	8.098	128	761352	37.531	ng	100
32) Benzoic acid	7.910	122	148185	41.333	ng	99
33) 4-Chloroaniline	8.151	127	222250	26.549	ng	96
34) Hexachlorobutadiene	8.204	225	188299	37.438	ng	99
35) Caprolactam	8.551	113	72048m	38.728	ng	
36) 4-Chloro-3-methylphenol	8.651	107	300877	40.471	ng	98
37) 2-Methylnaphthalene	8.792	142	540510	37.098	ng	100
38) 1-Methylnaphthalene	8.892	142	504950	37.408	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	310697	36.556	ng	98
41) Hexachlorocyclopentadiene	8.939	237	243196	59.797	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	189447	37.031	ng	99

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44) 2,4,5-Trichlorophenol	9.134	196	201137	33.771	ng	95	
46) 1,1'-Biphenyl	9.257	154	693487	37.251	ng	99	
47) 2-Chloronaphthalene	9.287	162	549620	38.038	ng	98	
48) 2-Nitroaniline	9.392	65	194070	36.979	ng	95	
49) Acenaphthylene	9.698	152	812219	36.224	ng	99	
50) Dimethylphthalate	9.569	163	696776	37.060	ng	99	
51) 2,6-Dinitrotoluene	9.634	165	151022	38.192	ng	#	85
52) Acenaphthene	9.875	154	491239	36.498	ng	98	
53) 3-Nitroaniline	9.810	138	113577	29.605	ng	98	
54) 2,4-Dinitrophenol	9.922	184	161596	81.391	ng	97	
55) Dibenzofuran	10.045	168	764912	36.054	ng	97	
56) 4-Nitrophenol	9.992	139	146017	67.572	ng	99	
57) 2,4-Dinitrotoluene	10.045	165	195138	36.910	ng	94	
58) Fluorene	10.392	166	628237	37.069	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	166430	37.502	ng	94	
60) Diethylphthalate	10.269	149	681023	36.837	ng	99	
61) 4-Chlorophenyl-phenyle...	10.381	204	347130	35.779	ng	97	
62) 4-Nitroaniline	10.434	138	125973	36.518	ng	92	
63) Azobenzene	10.545	77	703425	35.868	ng	96	
65) 4,6-Dinitro-2-methylph...	10.457	198	115761	39.696	ng	89	
66) n-Nitrosodiphenylamine	10.510	169	539125	38.001	ng	98	
67) 4-Bromophenyl-phenylether	10.875	248	210066	37.134	ng	92	
68) Hexachlorobenzene	10.939	284	227594	39.772	ng	96	
69) Atrazine	11.039	200	217050	42.071	ng	98	
70) Pentachlorophenol	11.139	266	203886	67.530	ng	97	
71) Phenanthrene	11.357	178	887897	37.665	ng	100	
72) Anthracene	11.410	178	907313	37.387	ng	99	
73) Carbazole	11.569	167	776993	38.673	ng	99	
74) Di-n-butylphthalate	11.892	149	1062956	37.996	ng	99	
75) Fluoranthene	12.551	202	990374	37.356	ng	99	
77) Benzidine	12.675	184	200444	21.982	ng	96	
78) Pyrene	12.780	202	966587	38.611	ng	100	
80) Butylbenzylphthalate	13.398	149	390497	38.645	ng	97	
81) Benzo(a)anthracene	13.974	228	739331	37.024	ng	100	
82) 3,3'-Dichlorobenzidine	13.939	252	218357	35.036	ng	100	
83) Chrysene	14.010	228	680582	36.468	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.957	149	535980	39.152	ng	#	98
85) Di-n-octyl phthalate	14.569	149	738998	39.448	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.915	276	554020	47.738	ng	100	
88) Benzo(b)fluoranthene	15.021	252	574739	44.283	ng	100	
89) Benzo(k)fluoranthene	15.051	252	566029	43.699	ng	99	
90) Benzo(a)pyrene	15.386	252	479120	40.972	ng	99	
91) Dibenzo(a,h)anthracene	16.927	278	486716	50.030	ng	99	
92) Benzo(g,h,i)perylene	17.357	276	458648	44.320	ng	96	

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

