

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133502.D
 Acq On : 26 May 2023 16:50
 Operator : CG\JU
 Sample : PB153075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 05/30/2023
 Supervised By :Jagrut
 Upadhyay
 05/31/2023

Quant Time: May 27 01:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	130584	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	494973	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	237631	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	467174	20.000	ng	0.00
76) Chrysene-d12	14.009	240	299951	20.000	ng	0.00
86) Perylene-d12	15.462	264	262990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	715156	91.375	ng	0.01
7) Phenol-d6	6.463	99	851232	88.351	ng	0.00
23) Nitrobenzene-d5	7.404	82	776409	104.732	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	226553	95.643	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1351858	87.805	ng	0.00
79) Terphenyl-d14	12.957	244	1587532	94.102	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	144862	40.982	ng	99
3) Pyridine	3.398	79	378988	38.239	ng	98
4) n-Nitrosodimethylamine	3.363	42	255057	47.188	ng	100
6) Aniline	6.498	93	423417	32.367	ng	100
8) 2-Chlorophenol	6.622	128	397726	51.573	ng	95
9) Benzaldehyde	6.386	77	260830	58.068	ng	97
10) Phenol	6.481	94	487242m	50.412	ng	
11) bis(2-Chloroethyl)ether	6.575	93	381753	47.772	ng	99
12) 1,3-Dichlorobenzene	6.781	146	415683	48.552	ng	98
13) 1,4-Dichlorobenzene	6.857	146	425838	49.611	ng	99
14) 1,2-Dichlorobenzene	7.010	146	405802	51.232	ng	98
15) Benzyl Alcohol	6.981	79	356692	48.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	713629	47.085	ng	99
17) 2-Methylphenol	7.086	107	330146	45.206	ng	99
18) Hexachloroethane	7.351	117	152516	51.386	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	279558	44.846	ng	99
20) 3+4-Methylphenols	7.245	107	388100	47.005	ng	# 88
22) Acetophenone	7.251	105	529378	46.442	ng	# 96
24) Nitrobenzene	7.428	77	414404	52.463	ng	96
25) Isophorone	7.663	82	779370	45.110	ng	99
26) 2-Nitrophenol	7.739	139	179134	49.344	ng	99
27) 2,4-Dimethylphenol	7.775	122	334458	45.497	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	444133	44.331	ng	98
29) 2,4-Dichlorophenol	7.980	162	313689	47.430	ng	95
30) 1,2,4-Trichlorobenzene	8.063	180	335401	46.885	ng	99
31) Naphthalene	8.145	128	1096741	45.703	ng	99
32) Benzoic acid	7.892	122	237043	48.807	ng	96
33) 4-Chloroaniline	8.192	127	119557	11.624	ng	94
34) Hexachlorobutadiene	8.263	225	202553	46.548	ng	100
35) Caprolactam	8.569	113	116718m	53.811	ng	
36) 4-Chloro-3-methylphenol	8.669	107	351146	47.397	ng	98
37) 2-Methylnaphthalene	8.839	142	711387	43.419	ng	98
38) 1-Methylnaphthalene	8.933	142	666445	43.636	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	313218	44.472	ng	99
41) Hexachlorocyclopentadiene	8.992	237	393223	108.948	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	218414	48.464	ng	99

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44) 2,4,5-Trichlorophenol	9.151	196	237570	45.416	ng	96
46) 1,1'-Biphenyl	9.304	154	882457	45.708	ng	99
47) 2-Chloronaphthalene	9.327	162	648300	46.333	ng	98
48) 2-Nitroaniline	9.422	65	216816	48.242	ng	97
49) Acenaphthylene	9.745	152	1091958	45.731	ng	100
50) Dimethylphthalate	9.604	163	759424	45.470	ng	100
51) 2,6-Dinitrotoluene	9.663	165	156654	49.230	ng	98
52) Acenaphthene	9.916	154	716582	49.542	ng	99
53) 3-Nitroaniline	9.827	138	105098	27.831	ng	97
54) 2,4-Dinitrophenol	9.939	184	156010	91.303	ng	93
55) Dibenzofuran	10.086	168	970413	45.095	ng	99
56) 4-Nitrophenol	9.992	139	316906	110.905	ng	93
57) 2,4-Dinitrotoluene	10.069	165	203719	51.324	ng	90
58) Fluorene	10.427	166	708676	44.949	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	199811	50.719	ng	99
60) Diethylphthalate	10.304	149	781249	45.060	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	327622	43.277	ng	99
62) 4-Nitroaniline	10.451	138	192456	47.977	ng	98
63) Azobenzene	10.580	77	770389	44.390	ng	95
65) 4,6-Dinitro-2-methylph...	10.474	198	101505	52.200	ng	# 74
66) n-Nitrosodiphenylamine	10.539	169	663225	43.728	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	219065	44.154	ng	97
68) Hexachlorobenzene	10.974	284	241173	46.484	ng	99
69) Atrazine	11.069	200	220262	52.929	ng	99
70) Pentachlorophenol	11.169	266	275701	88.871	ng	99
71) Phenanthrene	11.392	178	1071304	45.275	ng	99
72) Anthracene	11.445	178	1096194	45.013	ng	100
73) Carbazole	11.598	167	1071595	46.529	ng	100
74) Di-n-butylphthalate	11.933	149	1220883	44.831	ng	100
75) Fluoranthene	12.580	202	1199631	45.899	ng	99
77) Benzidine	12.704	184	490121	55.868	ng	99
78) Pyrene	12.810	202	1231452	48.246	ng	100
80) Butylbenzylphthalate	13.433	149	500607	49.570	ng	99
81) Benzo(a)anthracene	13.998	228	906418	45.362	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	157253	25.175	ng	98
83) Chrysene	14.039	228	906478	44.938	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	555827	44.031	ng	# 97
85) Di-n-octyl phthalate	14.609	149	894864	42.555	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	861213	51.409	ng	99
88) Benzo(b)fluoranthene	15.045	252	806924	47.119	ng	99
89) Benzo(k)fluoranthene	15.074	252	772321	46.251	ng	99
90) Benzo(a)pyrene	15.409	252	685600	43.997	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	697765	51.374	ng	99
92) Benzo(g,h,i)perylene	17.368	276	724793	52.923	ng	98

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

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