

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133891.D
 Acq On : 22 Jun 2023 09:31
 Operator : CG\JU
 Sample : PB153533BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153533BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:24:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	108806	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	421113	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	212618	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	424580	20.000	ng	0.00
76) Chrysene-d12	14.057	240	210670	20.000	ng	0.00
86) Perylene-d12	15.556	264	222134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833461	133.354	ng	0.01
7) Phenol-d6	6.504	99	1010580	124.221	ng	0.00
23) Nitrobenzene-d5	7.428	82	684873	88.581	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	341772	126.988	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1237581	82.742	ng	0.00
79) Terphenyl-d14	12.992	244	1377357	101.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	99790	36.317	ng	98
3) Pyridine	3.498	79	257751	32.183	ng	98
4) n-Nitrosodimethylamine	3.457	42	189296	42.759	ng	99
6) Aniline	6.528	93	356457	34.788	ng	98
8) 2-Chlorophenol	6.651	128	320994	48.735	ng	93
9) Benzaldehyde	6.410	77	57933	10.733	ng	95
10) Phenol	6.516	94	382272	45.000	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	291100	46.158	ng	96
12) 1,3-Dichlorobenzene	6.804	146	336696	47.844	ng	99
13) 1,4-Dichlorobenzene	6.881	146	348084	48.938	ng	98
14) 1,2-Dichlorobenzene	7.028	146	324049	50.420	ng	99
15) Benzyl Alcohol	7.004	79	284926	44.842	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	507889	47.508	ng	99
17) 2-Methylphenol	7.116	107	264776	45.354	ng	99
18) Hexachloroethane	7.369	117	126674	52.022	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	221870	42.864	ng	96
20) 3+4-Methylphenols	7.269	107	315504	41.544	ng	# 86
22) Acetophenone	7.269	105	438480	45.399	ng	92
24) Nitrobenzene	7.445	77	346637	44.525	ng	99
25) Isophorone	7.681	82	619118	43.618	ng	99
26) 2-Nitrophenol	7.757	139	178243	51.015	ng	99
27) 2,4-Dimethylphenol	7.798	122	280259	46.538	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	356603	43.468	ng	100
29) 2,4-Dichlorophenol	8.004	162	266867	45.215	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	281224	45.669	ng	96
31) Naphthalene	8.163	128	897562	43.748	ng	99
32) Benzoic acid	7.928	122	208793	54.974	ng	96
33) 4-Chloroaniline	8.210	127	139985	15.957	ng	99
34) Hexachlorobutadiene	8.275	225	174579	43.301	ng	97
35) Caprolactam	8.592	113	96304m	48.491	ng	
36) 4-Chloro-3-methylphenol	8.698	107	309909	45.554	ng	98
37) 2-Methylnaphthalene	8.857	142	600558	42.129	ng	99
38) 1-Methylnaphthalene	8.957	142	561868	42.833	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	284612	44.032	ng	98
41) Hexachlorocyclopentadiene	9.004	237	336517	116.827	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	195845	45.341	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	212732	42.334	ng	98
46) 1,1'-Biphenyl	9.322	154	755262	44.044	ng	99
47) 2-Chloronaphthalene	9.345	162	562164	45.703	ng	99
48) 2-Nitroaniline	9.445	65	210253	46.737	ng	97
49) Acenaphthylene	9.763	152	932460	43.554	ng	100
50) Dimethylphthalate	9.627	163	680792	42.897	ng	99
51) 2,6-Dinitrotoluene	9.692	165	151515	46.254	ng	95
52) Acenaphthene	9.939	154	547528	43.692	ng	100
53) 3-Nitroaniline	9.857	138	119738	30.037	ng	85
54) 2,4-Dinitrophenol	9.975	184	175246	107.372	ng	92
55) Dibenzofuran	10.110	168	836912	43.768	ng	98
56) 4-Nitrophenol	10.027	139	258715	96.163	ng	# 78
57) 2,4-Dinitrotoluene	10.098	165	204388	49.060	ng	98
58) Fluorene	10.457	166	664664	45.453	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	184229	48.969	ng	99
60) Diethylphthalate	10.327	149	702199	43.474	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	312473	43.285	ng	98
62) 4-Nitroaniline	10.480	138	174983	44.769	ng	97
63) Azobenzene	10.604	77	667555	43.658	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	115696	57.025	ng	93
66) n-Nitrosodiphenylamine	10.569	169	599099	42.008	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	197558	41.689	ng	93
68) Hexachlorobenzene	11.004	284	224828	45.116	ng	96
69) Atrazine	11.098	200	196104	47.391	ng	99
70) Pentachlorophenol	11.198	266	231197	77.478	ng	98
71) Phenanthrene	11.421	178	968701	44.970	ng	99
72) Anthracene	11.474	178	980481	43.653	ng	99
73) Carbazole	11.633	167	923826	44.162	ng	98
74) Di-n-butylphthalate	11.957	149	1091179	40.688	ng	99
75) Fluoranthene	12.616	202	1010577	44.178	ng	99
77) Benzidine	12.739	184	277390	39.239	ng	99
78) Pyrene	12.845	202	1008789	51.404	ng	100
80) Butylbenzylphthalate	13.468	149	366972	44.294	ng	99
81) Benzo(a)anthracene	14.045	228	662590	45.470	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	162123	33.464	ng	# 98
83) Chrysene	14.080	228	624266	45.294	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	422290	41.397	ng	# 97
85) Di-n-octyl phthalate	14.651	149	610188	42.093	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	759548	49.701	ng	99
88) Benzo(b)fluoranthene	15.115	252	605925	44.904	ng	99
89) Benzo(k)fluoranthene	15.145	252	603662	45.925	ng	100
90) Benzo(a)pyrene	15.498	252	552371	44.108	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	616010	48.689	ng	98
92) Benzo(g,h,i)perylene	17.598	276	623813	49.729	ng	98

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

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