

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135174.D
 Acq On : 12 Sep 2023 11:00
 Operator : CG\JU
 Sample : PB155440BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 01:59:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	113194	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	440841	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	229554	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	439496	20.000	ng	0.00
76) Chrysene-d12	13.951	240	237538	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	218789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	905956	130.174	ng	0.02
7) Phenol-d6	6.410	99	1156803	130.719	ng	0.00
23) Nitrobenzene-d5	7.334	82	739407	91.125	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	309099	135.498	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1294619	85.088	ng	0.00
79) Terphenyl-d14	12.892	244	1355585	88.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	115367	37.814	ng	99
3) Pyridine	3.328	79	296695	36.133	ng	96
4) n-Nitrosodimethylamine	3.287	42	199191	45.714	ng	98
6) Aniline	6.434	93	367556	31.673	ng	98
8) 2-Chlorophenol	6.551	128	357020	48.055	ng	98
9) Benzaldehyde	6.316	77	129152	25.618	ng	99
10) Phenol	6.428	94	426954	43.998	ng	84
11) bis(2-Chloroethyl)ether	6.510	93	328100	45.075	ng	98
12) 1,3-Dichlorobenzene	6.704	146	347576	46.034	ng	99
13) 1,4-Dichlorobenzene	6.781	146	352658	45.908	ng	98
14) 1,2-Dichlorobenzene	6.934	146	337442	47.302	ng	97
15) Benzyl Alcohol	6.916	79	301958	47.550	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	625822	45.613	ng	99
17) 2-Methylphenol	7.028	107	280470	42.780	ng	98
18) Hexachloroethane	7.275	117	133447	47.015	ng	96
19) n-Nitroso-di-n-propyla...	7.187	70	235968	43.049	ng	98
20) 3+4-Methylphenols	7.181	107	331909	42.102	ng	94
22) Acetophenone	7.181	105	459949	45.635	ng	97
24) Nitrobenzene	7.351	77	365015	45.513	ng	100
25) Isophorone	7.592	82	680482	45.670	ng	99
26) 2-Nitrophenol	7.663	139	187806	48.791	ng	98
27) 2,4-Dimethylphenol	7.704	122	312092	48.236	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	415539	46.595	ng	100
29) 2,4-Dichlorophenol	7.904	162	285478	47.617	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	297818	47.526	ng	99
31) Naphthalene	8.069	128	986134	46.040	ng	100
32) Benzoic acid	7.845	122	246793	50.655	ng	99
33) 4-Chloroaniline	8.116	127	183119	19.486	ng	97
34) Hexachlorobutadiene	8.181	225	176549	46.724	ng	99
35) Caprolactam	8.498	113	99165m	49.284	ng	
36) 4-Chloro-3-methylphenol	8.610	107	321367	48.230	ng	98
37) 2-Methylnaphthalene	8.757	142	635672	44.150	ng	99
38) 1-Methylnaphthalene	8.857	142	590303	43.792	ng	98
40) 1,2,4,5-Tetrachloroben...	8.928	216	300058	45.119	ng	99
41) Hexachlorocyclopentadiene	8.910	237	284874	95.626	ng	95
43) 2,4,6-Trichlorophenol	9.039	196	203370	46.706	ng	100

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44) 2,4,5-Trichlorophenol	9.086	196	219197	43.713	ng	99
46) 1,1'-Biphenyl	9.228	154	792613	44.930	ng	99
47) 2-Chloronaphthalene	9.251	162	599418	46.831	ng	99
48) 2-Nitroaniline	9.351	65	226861	45.623	ng	97
49) Acenaphthylene	9.669	152	959814	45.121	ng	99
50) Dimethylphthalate	9.533	163	701801	45.219	ng	99
51) 2,6-Dinitrotoluene	9.598	165	158444	46.602	ng	89
52) Acenaphthene	9.839	154	571866	45.508	ng	96
53) 3-Nitroaniline	9.763	138	122014	30.572	ng	98
54) 2,4-Dinitrophenol	9.880	184	169601	87.255	ng	99
55) Dibenzofuran	10.010	168	847904	44.217	ng	97
56) 4-Nitrophenol	9.939	139	246759	97.284	ng	98
57) 2,4-Dinitrotoluene	10.004	165	197133	46.314	ng	93
58) Fluorene	10.357	166	659440	44.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	188270	48.809	ng	99
60) Diethylphthalate	10.233	149	712623	45.752	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	312503	44.130	ng	98
62) 4-Nitroaniline	10.386	138	180597	47.076	ng	100
63) Azobenzene	10.510	77	690961	45.327	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	117818	50.472	ng	97
66) n-Nitrosodiphenylamine	10.469	169	615544	46.262	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	198847	45.491	ng	95
68) Hexachlorobenzene	10.904	284	219795	49.357	ng	96
69) Atrazine	11.004	200	200016	55.868	ng	98
70) Pentachlorophenol	11.104	266	240373	90.219	ng	98
71) Phenanthrene	11.322	178	971427	46.734	ng	99
72) Anthracene	11.375	178	984936	46.098	ng	100
73) Carbazole	11.533	167	944072	48.538	ng	99
74) Di-n-butylphthalate	11.863	149	1101494	48.061	ng	99
75) Fluoranthene	12.516	202	1011064	46.681	ng	98
77) Benzidine	12.639	184	325585	66.905	ng	99
78) Pyrene	12.745	202	1033014	45.677	ng	99
80) Butylbenzylphthalate	13.369	149	400753	50.330	ng	97
81) Benzo(a)anthracene	13.939	228	717788	46.797	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	163504	34.127	ng	99
83) Chrysene	13.974	228	700940	45.963	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	409818	50.156	ng	99
85) Di-n-octyl phthalate	14.551	149	667673	51.418	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	713611	49.745	ng	100
88) Benzo(b)fluoranthene	14.986	252	608153	51.348	ng	98
89) Benzo(k)fluoranthene	15.015	252	601156	51.383	ng	100
90) Benzo(a)pyrene	15.351	252	534289	47.304	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	580370	49.446	ng	99
92) Benzo(g,h,i)perylene	17.333	276	598254	48.804	ng	99

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

