

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133267.D
 Acq On : 05 May 2023 17:09
 Operator : CG\JU
 Sample : PB152595BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 06 05:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201782	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	832101	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	446093	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	789783	20.000	ng	0.00
76) Chrysene-d12	13.880	240	485484	20.000	ng	0.00
86) Perylene-d12	15.298	264	384754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1679835	125.758	ng	0.02
7) Phenol-d6	6.381	99	2009431	121.199	ng	0.01
23) Nitrobenzene-d5	7.298	82	1288486	83.582	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	529748	118.081	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2143351	80.383	ng	0.00
79) Terphenyl-d14	12.833	244	2465342	87.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	220403	35.573	ng	100
3) Pyridine	3.152	79	579710	35.228	ng	97
4) n-Nitrosodimethylamine	3.116	42	356255	41.796	ng	98
6) Aniline	6.392	93	716652	33.560	ng	# 24
8) 2-Chlorophenol	6.516	128	632934	46.668	ng	94
9) Benzaldehyde	6.275	77	334650	46.116	ng	98
10) Phenol	6.392	94	721196	39.430	ng	74
11) bis(2-Chloroethyl)ether	6.469	93	601581	43.830	ng	96
12) 1,3-Dichlorobenzene	6.669	146	657089	45.570	ng	99
13) 1,4-Dichlorobenzene	6.745	146	664005	45.948	ng	98
14) 1,2-Dichlorobenzene	6.898	146	637448	47.845	ng	99
15) Benzyl Alcohol	6.881	79	527101	46.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	963787	40.429	ng	94
17) 2-Methylphenol	6.998	107	513583	41.355	ng	97
18) Hexachloroethane	7.239	117	228970	45.573	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	410870	39.806	ng	96
20) 3+4-Methylphenols	7.151	107	597195	40.833	ng	# 77
22) Acetophenone	7.139	105	842113	43.689	ng	# 95
24) Nitrobenzene	7.316	77	644238	41.241	ng	99
25) Isophorone	7.557	82	1217910	41.610	ng	100
26) 2-Nitrophenol	7.634	139	350002	46.452	ng	92
27) 2,4-Dimethylphenol	7.675	122	562557	43.542	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	724669	41.851	ng	99
29) 2,4-Dichlorophenol	7.875	162	512744	43.595	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	540287	44.341	ng	99
31) Naphthalene	8.039	128	1754981	42.185	ng	99
32) Benzoic acid	7.816	122	398914	49.986	ng	97
33) 4-Chloroaniline	8.086	127	395442	23.526	ng	99
34) Hexachlorobutadiene	8.157	225	297109	43.994	ng	98
35) Caprolactam	8.469	113	191460m	48.457	ng	
36) 4-Chloro-3-methylphenol	8.575	107	570227	44.959	ng	100
37) 2-Methylnaphthalene	8.728	142	1171721	41.196	ng	99
38) 1-Methylnaphthalene	8.828	142	1102571	41.438	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	486595	40.569	ng	99
41) Hexachlorocyclopentadiene	8.881	237	569910	81.473	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	353343	42.598	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	375053	39.096	ng	98
46) 1,1'-Biphenyl	9.192	154	1453884	41.101	ng	99
47) 2-Chloronaphthalene	9.216	162	1095838	42.325	ng	99
48) 2-Nitroaniline	9.310	65	370811	43.335	ng	91
49) Acenaphthylene	9.628	152	1692050	40.901	ng	99
50) Dimethylphthalate	9.498	163	1314493	42.260	ng	99
51) 2,6-Dinitrotoluene	9.557	165	305612	43.653	ng	89
52) Acenaphthene	9.804	154	1244440m	44.914	ng	05/08/2023
53) 3-Nitroaniline	9.722	138	270289	32.470	ng	96
54) 2,4-Dinitrophenol	9.833	184	351049	99.757	ng	98
55) Dibenzofuran	9.975	168	1511777	39.999	ng	99
56) 4-Nitrophenol	9.898	139	533908	82.811	ng	92
57) 2,4-Dinitrotoluene	9.963	165	398722	44.659	ng	89
58) Fluorene	10.316	166	1117917	40.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	318981	42.890	ng	99
60) Diethylphthalate	10.198	149	1234132	42.005	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	535043	39.650	ng	94
62) 4-Nitroaniline	10.345	138	352730	46.103	ng	98
63) Azobenzene	10.469	77	1241493	39.888	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	234328	48.950	ng	80
66) n-Nitrosodiphenylamine	10.428	169	1059202	41.345	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	349937	40.853	ng	97
68) Hexachlorobenzene	10.863	284	376831	42.933	ng	99
69) Atrazine	10.957	200	361144	48.923	ng	98
70) Pentachlorophenol	11.057	266	439667	70.335	ng	96
71) Phenanthrene	11.275	178	1713086	40.357	ng	99
72) Anthracene	11.327	178	1771751	40.785	ng	99
73) Carbazole	11.480	167	1642479	42.462	ng	98
74) Di-n-butylphthalate	11.816	149	1962767	44.838	ng	99
75) Fluoranthene	12.457	202	1793258	42.093	ng	99
77) Benzidine	12.580	184	707846	86.220	ng	# 93
78) Pyrene	12.686	202	1822048	43.781	ng	99
80) Butylbenzylphthalate	13.310	149	786820	53.396	ng	99
81) Benzo(a)anthracene	13.874	228	1364261	40.864	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	371074	40.235	ng	97
83) Chrysene	13.910	228	1348014	40.388	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	851111	46.016	ng	99
85) Di-n-octyl phthalate	14.480	149	1420009	47.085	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1175949	53.732	ng	98
88) Benzo(b)fluoranthene	14.892	252	1230465	50.269	ng	99
89) Benzo(k)fluoranthene	14.921	252	1077544	44.409	ng	98
90) Benzo(a)pyrene	15.239	252	978227	43.907	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	983436	53.876	ng	96
92) Benzo(g,h,i)perylene	17.098	276	989029	54.882	ng	96

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

