

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135304.D
 Acq On : 18 Sep 2023 13:52
 Operator : CG\JU
 Sample : PB155361BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 14:19:40 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	6.757	152	279981	40.000	ng	0.00
21) Naphthalene-d8	8.040	136	1082340	40.000	ng	0.00
39) Acenaphthene-d10	9.798	164	536241	40.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1029823	40.000	ng	0.00
76) Chrysene-d12	13.951	240	488588	40.000	ng	0.00
86) Perylene-d12	15.410	264	534472	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1078091	125.255	ng	0.01
7) Phenol-d6	6.410	99	1336595	122.125	ng	0.00
23) Nitrobenzene-d5	7.328	82	869262	87.267	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	324157	121.659	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1464152	82.388	ng	0.00
79) Terphenyl-d14	12.886	244	1419666	90.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	121740	32.264	ng	99
3) Pyridine	3.299	79	390488	38.452	ng	98
4) n-Nitrosodimethylamine	3.257	42	262222	48.660	ng	98
6) Aniline	6.428	93	520719	36.282	ng	# 83
8) 2-Chlorophenol	6.545	128	442945	48.208	ng	98
9) Benzaldehyde	6.316	77	271327	43.518	ng	99
10) Phenol	6.422	94	503741	41.975	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	424338	47.138	ng	99
12) 1,3-Dichlorobenzene	6.698	146	431890	46.252	ng	99
13) 1,4-Dichlorobenzene	6.775	146	434102	45.693	ng	98
14) 1,2-Dichlorobenzene	6.928	146	413084	46.821	ng	98
15) Benzyl Alcohol	6.910	79	369929	47.103	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.040	45	806085	47.506	ng	98
17) 2-Methylphenol	7.022	107	348059	42.927	ng	97
18) Hexachloroethane	7.263	117	166300	47.375	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	279162	41.180	ng	92
20) 3+4-Methylphenols	7.175	107	389673	39.967	ng	97
22) Acetophenone	7.175	105	552751	44.676	ng	# 97
24) Nitrobenzene	7.345	77	455312	46.247	ng	99
25) Isophorone	7.587	82	846566	46.284	ng	99
26) 2-Nitrophenol	7.657	139	229393	48.546	ng	95
27) 2,4-Dimethylphenol	7.698	122	377106	47.479	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	523762	47.842	ng	100
29) 2,4-Dichlorophenol	7.904	162	345134	46.895	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	367249	47.741	ng	99
31) Naphthalene	8.063	128	1190712	45.285	ng	100
32) Benzoic acid	7.840	122	288172	48.183	ng	100
33) 4-Chloroaniline	8.116	127	438482	38.009	ng	99
34) Hexachlorobutadiene	8.175	225	209447	45.154	ng	100
35) Caprolactam	8.492	113	129081m	52.259	ng	
36) 4-Chloro-3-methylphenol	8.604	107	381102	46.591	ng	97
37) 2-Methylnaphthalene	8.751	142	774311	43.809	ng	98
38) 1-Methylnaphthalene	8.851	142	709627	42.884	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	353691	45.534	ng	99
41) Hexachlorocyclopentadiene	8.904	237	275026	87.706	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	243278	47.835	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	262165	44.762	ng	99
46) 1,1'-Biphenyl	9.222	154	935941	45.424	ng	99
47) 2-Chloronaphthalene	9.245	162	710074	47.497	ng	99
48) 2-Nitroaniline	9.345	65	286022	49.246	ng	96
49) Acenaphthylene	9.663	152	1121450	45.137	ng	100
50) Dimethylphthalate	9.528	163	842289	46.464	ng	100
51) 2,6-Dinitrotoluene	9.592	165	192649	48.512	ng	92
52) Acenaphthene	9.834	154	680070	46.334	ng	98
53) 3-Nitroaniline	9.763	138	193244	41.455	ng	97
54) 2,4-Dinitrophenol	9.881	184	212934	99.571	ng	92
55) Dibenzofuran	10.004	168	983396	43.906	ng	97
56) 4-Nitrophenol	9.939	139	294129	99.280	ng	99
57) 2,4-Dinitrotoluene	9.998	165	228377	45.937	ng	# 86
58) Fluorene	10.351	166	771871	44.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	213629	47.417	ng	99
60) Diethylphthalate	10.228	149	844385	46.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	358360	43.327	ng	99
62) 4-Nitroaniline	10.381	138	220343	49.175	ng	99
63) Azobenzene	10.504	77	853295	47.924	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	142762	52.201	ng	87
66) n-Nitrosodiphenylamine	10.463	169	734881	47.142	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	230962	45.099	ng	96
68) Hexachlorobenzene	10.898	284	246571	47.260	ng	# 91
69) Atrazine	10.998	200	230890	55.046	ng	99
70) Pentachlorophenol	11.098	266	241555	77.384	ng	100
71) Phenanthrene	11.316	178	1143593	46.959	ng	99
72) Anthracene	11.369	178	1150279	45.952	ng	100
73) Carbazole	11.528	167	1087149	47.708	ng	100
74) Di-n-butylphthalate	11.857	149	1290957	48.077	ng	99
75) Fluoranthene	12.510	202	1168045	46.030	ng	99
77) Benzidine	12.639	184	443054	88.526	ng	99
78) Pyrene	12.739	202	1170986	50.346	ng	100
80) Butylbenzylphthalate	13.363	149	422851	51.637	ng	95
81) Benzo(a)anthracene	13.939	228	716269	45.406	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	233574	47.404	ng	# 97
83) Chrysene	13.974	228	702639	44.801	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451263	53.700	ng	# 99
85) Di-n-octyl phthalate	14.545	149	693300	51.915	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	816433	46.595	ng	98
88) Benzo(b)fluoranthene	14.986	252	667768	46.160	ng	99
89) Benzo(k)fluoranthene	15.016	252	613697	42.945	ng	99
90) Benzo(a)pyrene	15.351	252	600552	43.532	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	659094	45.973	ng	99
92) Benzo(g,h,i)perylene	17.345	276	680104	45.423	ng	97

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

