

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135426.D
 Acq On : 25 Sep 2023 14:44
 Operator : CG\JU
 Sample : PB155763BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:41:01 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	174385	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	689519	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	328540	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	608207	20.000	ng	0.00
76) Chrysene-d12	13.945	240	346309	20.000	ng	0.00
86) Perylene-d12	15.404	264	298727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1218631	113.659	ng	0.02
7) Phenol-d6	6.404	99	1545323	113.348	ng	0.00
23) Nitrobenzene-d5	7.322	82	987826	77.834	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	326197	99.910	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1579707	72.543	ng	0.00
79) Terphenyl-d14	12.880	244	1544238	69.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	189101	40.232	ng	92
3) Pyridine	3.310	79	491239	38.833	ng	95
4) n-Nitrosodimethylamine	3.269	42	302923	45.126	ng	94
6) Aniline	6.422	93	477035	26.683	ng	# 52
8) 2-Chlorophenol	6.545	128	512705	44.795	ng	94
9) Benzaldehyde	6.310	77	163961	21.111	ng	100
10) Phenol	6.416	94	586259	39.216	ng	87
11) bis(2-Chloroethyl)ether	6.498	93	506556	45.172	ng	98
12) 1,3-Dichlorobenzene	6.692	146	497349	42.757	ng	98
13) 1,4-Dichlorobenzene	6.769	146	503545	42.549	ng	99
14) 1,2-Dichlorobenzene	6.922	146	476299	43.339	ng	97
15) Benzyl Alcohol	6.904	79	411462	42.058	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	907949	42.955	ng	92
17) 2-Methylphenol	7.022	107	406413	40.238	ng	# 93
18) Hexachloroethane	7.257	117	190112	43.477	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	317928	37.649	ng	93
20) 3+4-Methylphenols	7.175	107	461607	38.007	ng	# 79
22) Acetophenone	7.169	105	628758	39.885	ng	98
24) Nitrobenzene	7.339	77	526930	42.006	ng	99
25) Isophorone	7.581	82	966054	41.453	ng	99
26) 2-Nitrophenol	7.657	139	269388	44.745	ng	90
27) 2,4-Dimethylphenol	7.698	122	411831	40.696	ng	94
28) bis(2-Chloroethoxy)met...	7.787	93	599531	42.981	ng	99
29) 2,4-Dichlorophenol	7.898	162	386651	41.233	ng	100
30) 1,2,4-Trichlorobenzene	7.975	180	409377	41.768	ng	99
31) Naphthalene	8.057	128	1365621	40.763	ng	99
32) Benzoic acid	7.839	122	323424	42.442	ng	98
33) 4-Chloroaniline	8.110	127	380912	25.915	ng	99
34) Hexachlorobutadiene	8.169	225	228218	38.616	ng	98
35) Caprolactam	8.486	113	132900m	42.229	ng	
36) 4-Chloro-3-methylphenol	8.604	107	427999	41.067	ng	96
37) 2-Methylnaphthalene	8.745	142	849903	37.740	ng	99
38) 1-Methylnaphthalene	8.845	142	813488	38.584	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	395230	41.524	ng	99
41) Hexachlorocyclopentadiene	8.898	237	233873	58.001	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	260023	41.725	ng	98

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44) 2,4,5-Trichlorophenol	9.081	196	280309	39.058	ng	98
46) 1,1'-Biphenyl	9.216	154	1046398	41.445	ng	99
47) 2-Chloronaphthalene	9.239	162	792188	43.245	ng	99
48) 2-Nitroaniline	9.345	65	313887	44.105	ng	97
49) Acenaphthylene	9.657	152	1256024	41.256	ng	100
50) Dimethylphthalate	9.522	163	900441	40.537	ng	99
51) 2,6-Dinitrotoluene	9.586	165	203826	41.887	ng	97
52) Acenaphthene	9.828	154	739268	41.105	ng	96
53) 3-Nitroaniline	9.757	138	191708	33.563	ng	98
54) 2,4-Dinitrophenol	9.875	184	203351	74.112	ng	94
55) Dibenzofuran	9.998	168	1052594	38.353	ng	98
56) 4-Nitrophenol	9.939	139	284800	78.452	ng	95
57) 2,4-Dinitrotoluene	9.998	165	234220	38.448	ng	86
58) Fluorene	10.345	166	840622	39.843	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	227563	41.221	ng	99
60) Diethylphthalate	10.222	149	864635	38.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	377534	37.251	ng	97
62) 4-Nitroaniline	10.380	138	243974	44.435	ng	93
63) Azobenzene	10.498	77	913009	41.848	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	144964	44.875	ng	92
66) n-Nitrosodiphenylamine	10.463	169	769188	41.774	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	242602	40.106	ng	96
68) Hexachlorobenzene	10.892	284	258089	41.880	ng	# 90
69) Atrazine	10.992	200	228981	46.217	ng	98
70) Pentachlorophenol	11.092	266	210073	56.975	ng	98
71) Phenanthrene	11.310	178	1218107	42.346	ng	99
72) Anthracene	11.363	178	1239716	41.928	ng	100
73) Carbazole	11.522	167	1212057	45.031	ng	99
74) Di-n-butylphthalate	11.851	149	1315818	41.487	ng	99
75) Fluoranthene	12.504	202	1294808	43.198	ng	98
77) Benzidine	12.633	184	334245	47.111	ng	99
78) Pyrene	12.733	202	1339882	40.638	ng	100
80) Butylbenzylphthalate	13.357	149	520301	44.820	ng	94
81) Benzo(a)anthracene	13.933	228	958452	42.861	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	264948	37.932	ng	99
83) Chrysene	13.968	228	910106	40.935	ng	98
84) Bis(2-ethylhexyl)phtha...	13.921	149	600980	50.450	ng	99
85) Di-n-octyl phthalate	14.539	149	933105	49.289	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	857769	43.794	ng	96
88) Benzo(b)fluoranthene	14.980	252	724193	44.783	ng	# 98
89) Benzo(k)fluoranthene	15.010	252	699542m	43.792	ng	
90) Benzo(a)pyrene	15.345	252	655759	42.523	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	693333	43.263	ng	97
92) Benzo(g,h,i)perylene	17.333	276	742466	44.361	ng	# 95

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

