

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135806.D
 Acq On : 17 Oct 2023 11:58
 Operator : CG\JU
 Sample : PB156118BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 18 01:34:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	126557	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	512507	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	261066	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	486839	20.000	ng	0.00
76) Chrysene-d12	13.945	240	306620	20.000	ng	0.00
86) Perylene-d12	15.416	264	279956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	918289	116.657	ng	0.01
7) Phenol-d6	6.398	99	1133638	115.422	ng	0.00
23) Nitrobenzene-d5	7.316	82	708454	76.027	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	289702	115.643	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1246888	74.675	ng	0.00
79) Terphenyl-d14	12.875	244	1370179	82.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	125102	32.949	ng	98
3) Pyridine	3.334	79	284497	30.539	ng	96
4) n-Nitrosodimethylamine	3.293	42	212007	42.318	ng	99
6) Aniline	6.410	93	358831	29.031	ng	# 36
8) 2-Chlorophenol	6.534	128	377992	44.530	ng	98
9) Benzaldehyde	6.298	77	73097	13.076	ng	99
10) Phenol	6.410	94	436693	42.433	ng	91
11) bis(2-Chloroethyl)ether	6.481	93	356045	42.937	ng	98
12) 1,3-Dichlorobenzene	6.675	146	372744	43.314	ng	98
13) 1,4-Dichlorobenzene	6.757	146	372061	42.678	ng	98
14) 1,2-Dichlorobenzene	6.904	146	332960	42.418	ng	98
15) Benzyl Alcohol	6.898	79	288413	44.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	591960	39.472	ng	69
17) 2-Methylphenol	7.010	107	281115	38.255	ng	95
18) Hexachloroethane	7.240	117	135220	42.779	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	236938	39.016	ng	98
20) 3+4-Methylphenols	7.169	107	351245	38.341	ng	95
22) Acetophenone	7.157	105	476856	40.570	ng	99
24) Nitrobenzene	7.334	77	373325	39.918	ng	96
25) Isophorone	7.569	82	701859	39.924	ng	99
26) 2-Nitrophenol	7.645	139	197000	43.164	ng	98
27) 2,4-Dimethylphenol	7.687	122	297016	39.531	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	424090	40.508	ng	99
29) 2,4-Dichlorophenol	7.893	162	307455	43.666	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	307685	42.725	ng	98
31) Naphthalene	8.040	128	1032014	41.284	ng	99
32) Benzoic acid	7.863	122	226582	44.551	ng	96
33) 4-Chloroaniline	8.104	127	234767	21.499	ng	96
34) Hexachlorobutadiene	8.151	225	184239	43.222	ng	98
35) Caprolactam	8.492	113	104047m	43.226	ng	
36) 4-Chloro-3-methylphenol	8.604	107	336106	43.044	ng	99
37) 2-Methylnaphthalene	8.734	142	642552	39.014	ng	99
38) 1-Methylnaphthalene	8.834	142	606445	39.922	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	308497	41.080	ng	99
41) Hexachlorocyclopentadiene	8.881	237	127850	81.203	ng	94
43) 2,4,6-Trichlorophenol	9.028	196	203212	41.992	ng	99

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44) 2,4,5-Trichlorophenol	9.081	196	215534	38.293	ng	96
46) 1,1'-Biphenyl	9.204	154	792271	39.617	ng	98
47) 2-Chloronaphthalene	9.228	162	604372	41.934	ng	98
48) 2-Nitroaniline	9.339	65	234608	41.239	ng	99
49) Acenaphthylene	9.639	152	993566	41.657	ng	99
50) Dimethylphthalate	9.510	163	732652	41.572	ng	100
51) 2,6-Dinitrotoluene	9.586	165	163778	43.215	ng	# 81
52) Acenaphthene	9.816	154	592842	41.469	ng	99
53) 3-Nitroaniline	9.757	138	155251	33.417	ng	98
54) 2,4-Dinitrophenol	9.881	184	172114	108.795	ng	98
55) Dibenzofuran	9.986	168	887292	41.134	ng	99
56) 4-Nitrophenol	9.945	139	197123	91.739	ng	96
57) 2,4-Dinitrotoluene	9.998	165	208523	43.248	ng	93
58) Fluorene	10.334	166	679903	40.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	183182	43.065	ng	98
60) Diethylphthalate	10.216	149	725639	40.332	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	321679	39.413	ng	98
62) 4-Nitroaniline	10.381	138	162682	38.058	ng	98
63) Azobenzene	10.486	77	689511	39.445	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	111859	45.655	ng	90
66) n-Nitrosodiphenylamine	10.451	169	612617	41.285	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	202377	41.411	ng	98
68) Hexachlorobenzene	10.886	284	223263	44.872	ng	96
69) Atrazine	10.986	200	193939	48.051	ng	97
70) Pentachlorophenol	11.092	266	159613	81.337	ng	98
71) Phenanthrene	11.304	178	959775	41.153	ng	99
72) Anthracene	11.357	178	991080	41.010	ng	100
73) Carbazole	11.516	167	947624	42.044	ng	99
74) Di-n-butylphthalate	11.839	149	1152929	41.663	ng	99
75) Fluoranthene	12.498	202	1070638	41.362	ng	99
77) Benzidine	12.627	184	237711	35.528	ng	98
78) Pyrene	12.727	202	1097239	45.032	ng	100
80) Butylbenzylphthalate	13.351	149	470307	43.925	ng	96
81) Benzo(a)anthracene	13.933	228	890002	44.191	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	240844	36.057	ng	99
83) Chrysene	13.969	228	816193	41.841	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	653403	45.026	ng	99
85) Di-n-octyl phthalate	14.527	149	1023061	44.459	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	719576	47.173	ng	98
88) Benzo(b)fluoranthene	14.986	252	717034	45.764	ng	99
89) Benzo(k)fluoranthene	15.016	252	696228	45.770	ng	98
90) Benzo(a)pyrene	15.357	252	619610	42.055	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	600270	48.002	ng	100
92) Benzo(g,h,i)perylene	17.374	276	573631	44.657	ng	98

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

