

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135771.D
 Acq On : 16 Oct 2023 12:07
 Operator : CG\JU
 Sample : PB156184BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156184BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:28:19 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	147435	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	606406	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	317965	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	588350	20.000	ng	0.00
76) Chrysene-d12	13.951	240	356864	20.000	ng	0.00
86) Perylene-d12	15.421	264	296683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1053970	114.934	ng	0.02
7) Phenol-d6	6.404	99	1327162	115.991	ng	0.00
23) Nitrobenzene-d5	7.316	82	911678	82.686	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	376874	123.519	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1526141	75.044	ng	0.00
79) Terphenyl-d14	12.880	244	1589983	82.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	148659	33.609	ng	100
3) Pyridine	3.352	79	341066	31.427	ng	94
4) n-Nitrosodimethylamine	3.293	42	261278	44.768	ng	100
6) Aniline	6.410	93	420277	29.188	ng	# 80
8) 2-Chlorophenol	6.534	128	450703	45.577	ng	98
9) Benzaldehyde	6.298	77	88082	13.525	ng	98
10) Phenol	6.416	94	514741	42.934	ng	# 80
11) bis(2-Chloroethyl)ether	6.487	93	423164	43.805	ng	100
12) 1,3-Dichlorobenzene	6.681	146	431572	43.048	ng	99
13) 1,4-Dichlorobenzene	6.757	146	434623	42.795	ng	98
14) 1,2-Dichlorobenzene	6.910	146	403772	44.155	ng	98
15) Benzyl Alcohol	6.898	79	365808	48.083	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	773936	44.298	ng	89
17) 2-Methylphenol	7.016	107	364391	42.565	ng	96
18) Hexachloroethane	7.245	117	165984	45.076	ng	97
19) n-Nitroso-di-n-propyla...	7.169	70	299348	42.312	ng	98
20) 3+4-Methylphenols	7.169	107	448425	42.018	ng	# 88
22) Acetophenone	7.157	105	604794	43.487	ng	# 97
24) Nitrobenzene	7.334	77	474849	42.912	ng	99
25) Isophorone	7.569	82	906823	43.596	ng	100
26) 2-Nitrophenol	7.645	139	245324	45.428	ng	96
27) 2,4-Dimethylphenol	7.692	122	372890	41.945	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	525938	42.457	ng	98
29) 2,4-Dichlorophenol	7.898	162	369329	44.331	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	360372	42.293	ng	100
31) Naphthalene	8.045	128	1189139	40.204	ng	98
32) Benzoic acid	7.869	122	302001	50.186	ng	99
33) 4-Chloroaniline	8.104	127	288492	22.328	ng	99
34) Hexachlorobutadiene	8.157	225	210533	41.742	ng	98
35) Caprolactam	8.498	113	126655m	44.471	ng	
36) 4-Chloro-3-methylphenol	8.610	107	423491	45.837	ng	100
37) 2-Methylnaphthalene	8.739	142	798055	40.952	ng	99
38) 1-Methylnaphthalene	8.839	142	751581	41.815	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	380135	41.561	ng	99
41) Hexachlorocyclopentadiene	8.887	237	181058	87.869	ng	97
43) 2,4,6-Trichlorophenol	9.028	196	259617	44.048	ng	98

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44) 2,4,5-Trichlorophenol	9.081	196	273360	39.876	ng	98
46) 1,1'-Biphenyl	9.210	154	1000476	41.076	ng	98
47) 2-Chloronaphthalene	9.234	162	743412	42.351	ng	99
48) 2-Nitroaniline	9.345	65	295639	42.668	ng	99
49) Acenaphthylene	9.645	152	1184255	40.767	ng	99
50) Dimethylphthalate	9.516	163	908213	42.312	ng	99
51) 2,6-Dinitrotoluene	9.592	165	199275	43.172	ng	# 79
52) Acenaphthene	9.822	154	705034	40.492	ng	99
53) 3-Nitroaniline	9.763	138	177748	31.413	ng	96
54) 2,4-Dinitrophenol	9.886	184	221057	114.727	ng	97
55) Dibenzofuran	9.992	168	1075054	40.920	ng	99
56) 4-Nitrophenol	9.951	139	233458	89.358	ng	98
57) 2,4-Dinitrotoluene	10.004	165	255883	43.574	ng	96
58) Fluorene	10.339	166	849837	41.319	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	230489	44.490	ng	98
60) Diethylphthalate	10.222	149	929396	42.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	409569	41.202	ng	97
62) 4-Nitroaniline	10.386	138	218104	41.893	ng	97
63) Azobenzene	10.492	77	906450	42.576	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	151330	51.109	ng	92
66) n-Nitrosodiphenylamine	10.457	169	797625	44.479	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	251530	42.589	ng	97
68) Hexachlorobenzene	10.892	284	267567	44.498	ng	96
69) Atrazine	10.992	200	237164	48.622	ng	98
70) Pentachlorophenol	11.098	266	211079	89.005	ng	97
71) Phenanthrene	11.310	178	1152950	40.907	ng	99
72) Anthracene	11.363	178	1175685	40.255	ng	99
73) Carbazole	11.522	167	1123059	41.230	ng	100
74) Di-n-butylphthalate	11.845	149	1361278	40.705	ng	99
75) Fluoranthene	12.504	202	1241886	39.700	ng	99
77) Benzidine	12.633	184	263755	33.871	ng	99
78) Pyrene	12.733	202	1265019	44.608	ng	100
80) Butylbenzylphthalate	13.357	149	549683	44.110	ng	95
81) Benzo(a)anthracene	13.939	228	1015209	43.311	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	283813	36.508	ng	98
83) Chrysene	13.974	228	940460	41.423	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	750678	44.446	ng	97
85) Di-n-octyl phthalate	14.533	149	1182263	44.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	733903	45.399	ng	99
88) Benzo(b)fluoranthene	14.992	252	848038	51.073	ng	98
89) Benzo(k)fluoranthene	15.021	252	728158	45.170	ng	99
90) Benzo(a)pyrene	15.363	252	662657	42.441	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	611384	46.135	ng	98
92) Benzo(g,h,i)perylene	17.386	276	620134	45.556	ng	97

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

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