

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135425.D
 Acq On : 25 Sep 2023 14:12
 Operator : CG\JU
 Sample : PB155763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 04:04:08 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	170976	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	668406	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	319938	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	597688	20.000	ng	0.00
76) Chrysene-d12	13.945	240	332743	20.000	ng	0.00
86) Perylene-d12	15.404	264	286706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1190580	113.257	ng	0.02
7) Phenol-d6	6.404	99	1491678	111.595	ng	0.00
23) Nitrobenzene-d5	7.322	82	948036	77.058	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	314050	98.776	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1545411	72.876	ng	0.00
79) Terphenyl-d14	12.880	244	1517764	70.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	184526	40.042	ng	94
3) Pyridine	3.310	79	483608	38.992	ng	95
4) n-Nitrosodimethylamine	3.263	42	293872	44.650	ng	92
6) Aniline	6.422	93	471735	26.912	ng	# 59
8) 2-Chlorophenol	6.545	128	490155	43.679	ng	95
9) Benzaldehyde	6.310	77	158783	20.852	ng	98
10) Phenol	6.416	94	566952	38.680	ng	89
11) bis(2-Chloroethyl)ether	6.498	93	491716	44.723	ng	96
12) 1,3-Dichlorobenzene	6.692	146	490328	42.994	ng	98
13) 1,4-Dichlorobenzene	6.769	146	490098	42.238	ng	98
14) 1,2-Dichlorobenzene	6.922	146	469274	43.551	ng	97
15) Benzyl Alcohol	6.904	79	397806	41.473	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	879780	42.452	ng	80
17) 2-Methylphenol	7.016	107	390325	39.415	ng	97
18) Hexachloroethane	7.257	117	188800	44.037	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	309743	37.411	ng	93
20) 3+4-Methylphenols	7.175	107	450269	37.813	ng	# 76
22) Acetophenone	7.163	105	610240	39.933	ng	94
24) Nitrobenzene	7.339	77	507861	41.765	ng	99
25) Isophorone	7.581	82	924992	40.945	ng	99
26) 2-Nitrophenol	7.657	139	259592	44.480	ng	91
27) 2,4-Dimethylphenol	7.698	122	398675	40.640	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	573859	42.440	ng	99
29) 2,4-Dichlorophenol	7.898	162	379431	41.741	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	401989	42.309	ng	97
31) Naphthalene	8.057	128	1335334	41.118	ng	100
32) Benzoic acid	7.839	122	304680	41.246	ng	98
33) 4-Chloroaniline	8.110	127	369120	25.906	ng	100
34) Hexachlorobutadiene	8.169	225	221497	38.662	ng	99
35) Caprolactam	8.480	113	128174m	42.014	ng	
36) 4-Chloro-3-methylphenol	8.604	107	408998	40.483	ng	97
37) 2-Methylnaphthalene	8.751	142	829313	37.989	ng	97
38) 1-Methylnaphthalene	8.845	142	774869	37.913	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	380486	41.050	ng	99
41) Hexachlorocyclopentadiene	8.898	237	218767	56.005	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	246994	40.700	ng	99

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44) 2,4,5-Trichlorophenol	9.080	196	273176	39.088	ng	99
46) 1,1'-Biphenyl	9.216	154	1005433	40.893	ng	99
47) 2-Chloronaphthalene	9.239	162	759738	42.588	ng	100
48) 2-Nitroaniline	9.345	65	298207	43.029	ng	97
49) Acenaphthylene	9.657	152	1227938	41.418	ng	99
50) Dimethylphthalate	9.522	163	859740	39.746	ng	100
51) 2,6-Dinitrotoluene	9.586	165	198711	41.934	ng	93
52) Acenaphthene	9.827	154	718616	41.031	ng	97
53) 3-Nitroaniline	9.757	138	185031	33.265	ng	99
54) 2,4-Dinitrophenol	9.874	184	195725	73.323	ng	95
55) Dibenzofuran	10.004	168	1023034	38.278	ng	98
56) 4-Nitrophenol	9.939	139	281865	79.731	ng	95
57) 2,4-Dinitrotoluene	9.998	165	229046	38.610	ng	88
58) Fluorene	10.345	166	812694	39.555	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	221376	41.178	ng	97
60) Diethylphthalate	10.222	149	847366	39.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	371089	37.599	ng	96
62) 4-Nitroaniline	10.380	138	233426	43.657	ng	95
63) Azobenzene	10.498	77	873106	41.095	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	136544	43.013	ng	97
66) n-Nitrosodiphenylamine	10.457	169	743735	41.102	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	231736	38.984	ng	97
68) Hexachlorobenzene	10.892	284	249989	41.279	ng	# 88
69) Atrazine	10.992	200	224680	46.147	ng	98
70) Pentachlorophenol	11.098	266	210704	58.152	ng	99
71) Phenanthrene	11.310	178	1185864	41.951	ng	99
72) Anthracene	11.363	178	1203205	41.409	ng	100
73) Carbazole	11.521	167	1189115	44.956	ng	99
74) Di-n-butylphthalate	11.851	149	1277038	40.972	ng	99
75) Fluoranthene	12.504	202	1276374	43.333	ng	98
77) Benzidine	12.633	184	305999	44.889	ng	99
78) Pyrene	12.733	202	1306556	41.243	ng	100
80) Butylbenzylphthalate	13.357	149	503046	45.101	ng	95
81) Benzo(a)anthracene	13.933	228	904427	42.094	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	240228	35.795	ng	# 98
83) Chrysene	13.968	228	878307	41.115	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	565899	49.441	ng	99
85) Di-n-octyl phthalate	14.539	149	859143	47.233	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	863620	45.941	ng	96
88) Benzo(b)fluoranthene	14.980	252	687922	44.324	ng	# 97
89) Benzo(k)fluoranthene	15.009	252	687901	44.869	ng	# 98
90) Benzo(a)pyrene	15.345	252	634410	42.863	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	693307	45.075	ng	99
92) Benzo(g,h,i)perylene	17.339	276	750916	46.747	ng	97

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

