

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135447.D
 Acq On : 26 Sep 2023 12:14
 Operator : CG\JU
 Sample : PB155707BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BSD

Quant Time: Sep 27 02:09:43 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	177467	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	694856	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	342127	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	624827	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	293046	20.000	ng	0.00
86) Perylene-d12	15.410	264	309346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1248722	114.443	ng	0.02
7) Phenol-d6	6.410	99	1561482	112.544	ng	0.00
23) Nitrobenzene-d5	7.322	82	1005349	78.606	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	330885	97.322	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1627934	71.789	ng	0.00
79) Terphenyl-d14	12.880	244	1472964	77.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	190513	39.829	ng	92
3) Pyridine	3.316	79	487574	37.874	ng	94
4) n-Nitrosodimethylamine	3.275	42	300835	44.036	ng	93
6) Aniline	6.422	93	499637	27.462	ng	# 23
8) 2-Chlorophenol	6.545	128	520730	44.706	ng	97
9) Benzaldehyde	6.310	77	166044	21.008	ng	98
10) Phenol	6.422	94	597180	39.252	ng	85
11) bis(2-Chloroethyl)ether	6.498	93	512509	44.910	ng	98
12) 1,3-Dichlorobenzene	6.692	146	498634	42.123	ng	99
13) 1,4-Dichlorobenzene	6.775	146	507092	42.105	ng	99
14) 1,2-Dichlorobenzene	6.922	146	477659	42.707	ng	98
15) Benzyl Alcohol	6.904	79	412834	41.465	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	919287	42.736	ng	90
17) 2-Methylphenol	7.022	107	406608	39.558	ng	94
18) Hexachloroethane	7.257	117	191766	43.093	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	323948	37.696	ng	95
20) 3+4-Methylphenols	7.175	107	471771	38.169	ng	# 86
22) Acetophenone	7.169	105	643208	40.488	ng	96
24) Nitrobenzene	7.340	77	529675	41.900	ng	99
25) Isophorone	7.581	82	992625	42.266	ng	98
26) 2-Nitrophenol	7.657	139	273011	44.998	ng	95
27) 2,4-Dimethylphenol	7.698	122	420330	41.216	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	615783	43.807	ng	100
29) 2,4-Dichlorophenol	7.904	162	399512	42.277	ng	97
30) 1,2,4-Trichlorobenzene	7.975	180	417144	42.233	ng	99
31) Naphthalene	8.057	128	1398580	41.426	ng	99
32) Benzoic acid	7.845	122	314816	40.996	ng	97
33) 4-Chloroaniline	8.110	127	395092	26.673	ng	98
34) Hexachlorobutadiene	8.169	225	233516	39.209	ng	99
35) Caprolactam	8.486	113	133174m	41.991	ng	
36) 4-Chloro-3-methylphenol	8.604	107	437795	41.684	ng	98
37) 2-Methylnaphthalene	8.751	142	875038	38.558	ng	98
38) 1-Methylnaphthalene	8.851	142	823633	38.765	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	401492	40.507	ng	99
41) Hexachlorocyclopentadiene	8.898	237	230872	55.368	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	268537	41.380	ng	99

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44) 2,4,5-Trichlorophenol	9.081	196	291947	39.064	ng	97
46) 1,1'-Biphenyl	9.216	154	1068888	40.655	ng	98
47) 2-Chloronaphthalene	9.239	162	813859	42.663	ng	98
48) 2-Nitroaniline	9.345	65	319844	43.158	ng	97
49) Acenaphthylene	9.657	152	1290391	40.702	ng	99
50) Dimethylphthalate	9.522	163	931206	40.257	ng	99
51) 2,6-Dinitrotoluene	9.592	165	213892	42.210	ng	# 83
52) Acenaphthene	9.828	154	764806	40.836	ng	99
53) 3-Nitroaniline	9.757	138	196376	33.015	ng	99
54) 2,4-Dinitrophenol	9.875	184	200999	70.663	ng	90
55) Dibenzofuran	10.004	168	1072767	37.536	ng	99
56) 4-Nitrophenol	9.939	139	282983	74.856	ng	97
57) 2,4-Dinitrotoluene	9.998	165	238487	37.594	ng	# 80
58) Fluorene	10.345	166	851619	38.761	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	235165	40.906	ng	99
60) Diethylphthalate	10.222	149	913020	39.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	396989	37.615	ng	92
62) 4-Nitroaniline	10.380	138	221755	38.784	ng	95
63) Azobenzene	10.498	77	948767	41.760	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	143613	43.274	ng	95
66) n-Nitrosodiphenylamine	10.463	169	799191	42.249	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	249158	40.094	ng	96
68) Hexachlorobenzene	10.892	284	265033	41.863	ng	# 87
69) Atrazine	10.992	200	238554	46.868	ng	99
70) Pentachlorophenol	11.098	266	224759	59.337	ng	96
71) Phenanthrene	11.310	178	1226394	41.500	ng	99
72) Anthracene	11.363	178	1266833	41.705	ng	100
73) Carbazole	11.527	167	1188040	42.964	ng	98
74) Di-n-butylphthalate	11.851	149	1360682	41.760	ng	99
75) Fluoranthene	12.510	202	1239070	40.239	ng	99
77) Benzidine	12.633	184	284236	47.344	ng	99
78) Pyrene	12.733	202	1238333	44.384	ng	100
80) Butylbenzylphthalate	13.363	149	465491	47.387	ng	97
81) Benzo(a)anthracene	13.933	228	809855	42.798	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	223004	37.730	ng	# 96
83) Chrysene	13.969	228	783789	41.661	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	532220	52.798	ng	# 99
85) Di-n-octyl phthalate	14.539	149	796010	49.690	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	939928	46.341	ng	96
88) Benzo(b)fluoranthene	14.986	252	741456	44.277	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	674847	40.796	ng	# 97
90) Benzo(a)pyrene	15.351	252	676284	42.348	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	764281	46.053	ng	98
92) Benzo(g,h,i)perylene	17.345	276	812682	46.889	ng	95

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

