

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135194.D
 Acq On : 12 Sep 2023 22:04
 Operator : CG\JU
 Sample : 04188-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:47:05 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	123582	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	492639	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	255855	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	493045	20.000	ng	0.00
76) Chrysene-d12	13.951	240	248870	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	259456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	711322	93.616	ng	0.02
7) Phenol-d6	6.410	99	931486	96.411	ng	0.00
23) Nitrobenzene-d5	7.334	82	575056	63.419	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249049	97.951	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1055794	62.258	ng	0.00
79) Terphenyl-d14	12.886	244	1037763	64.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	125191	37.584	ng	99
3) Pyridine	3.322	79	317380	35.403	ng	97
4) n-Nitrosodimethylamine	3.293	42	205091	43.111	ng	99
6) Aniline	6.434	93	358504	28.296	ng	99
8) 2-Chlorophenol	6.551	128	365461	45.056	ng	97
9) Benzaldehyde	6.316	77	130645	23.736	ng	97
10) Phenol	6.422	94	441746	41.696	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	343450	43.218	ng	98
12) 1,3-Dichlorobenzene	6.704	146	356302	43.223	ng	98
13) 1,4-Dichlorobenzene	6.781	146	364437	43.454	ng	99
14) 1,2-Dichlorobenzene	6.934	146	347662	44.638	ng	98
15) Benzyl Alcohol	6.916	79	313201	45.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	635135	42.401	ng	97
17) 2-Methylphenol	7.028	107	286881	40.079	ng	97
18) Hexachloroethane	7.269	117	133456	43.066	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	241981	40.435	ng	99
20) 3+4-Methylphenols	7.181	107	343698	39.932	ng	92
22) Acetophenone	7.175	105	471581	41.870	ng	# 99
24) Nitrobenzene	7.351	77	380843	42.493	ng	98
25) Isophorone	7.592	82	716315	43.021	ng	99
26) 2-Nitrophenol	7.663	139	193971	45.094	ng	99
27) 2,4-Dimethylphenol	7.704	122	298498	41.284	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	435624	43.712	ng	100
29) 2,4-Dichlorophenol	7.904	162	298613	44.571	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	308088	43.996	ng	100
31) Naphthalene	8.069	128	1017885	42.526	ng	100
32) Benzoic acid	7.851	122	249851	45.891	ng	98
33) 4-Chloroaniline	8.116	127	222241	21.162	ng	97
34) Hexachlorobutadiene	8.181	225	181549	42.996	ng	100
35) Caprolactam	8.498	113	101799m	45.274	ng	
36) 4-Chloro-3-methylphenol	8.610	107	335296	45.029	ng	99
37) 2-Methylnaphthalene	8.757	142	659845	41.011	ng	99
38) 1-Methylnaphthalene	8.857	142	631546	41.925	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	314888	42.482	ng	99
41) Hexachlorocyclopentadiene	8.910	237	226675	70.381	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	216193	44.547	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	231949	41.501	ng	99
46) 1,1'-Biphenyl	9.228	154	833448	42.389	ng	98
47) 2-Chloronaphthalene	9.251	162	621128	43.539	ng	99
48) 2-Nitroaniline	9.351	65	241349	43.547	ng	96
49) Acenaphthylene	9.669	152	1012329	42.698	ng	100
50) Dimethylphthalate	9.533	163	752370	43.494	ng	99
51) 2,6-Dinitrotoluene	9.598	165	167258	44.137	ng	94
52) Acenaphthene	9.839	154	590817	42.183	ng	99
53) 3-Nitroaniline	9.769	138	143241	32.202	ng	92
54) 2,4-Dinitrophenol	9.880	184	172901	80.342	ng	98
55) Dibenzofuran	10.010	168	882050	41.270	ng	96
56) 4-Nitrophenol	9.939	139	268061	94.819	ng	100
57) 2,4-Dinitrotoluene	10.004	165	206018	43.426	ng	90
58) Fluorene	10.357	166	685993	41.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	195092	45.378	ng	99
60) Diethylphthalate	10.233	149	746325	42.990	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	324338	41.093	ng	98
62) 4-Nitroaniline	10.386	138	184963	43.258	ng	97
63) Azobenzene	10.510	77	716224	42.154	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116991	44.675	ng	95
66) n-Nitrosodiphenylamine	10.475	169	642869	43.068	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	207901	42.397	ng	97
68) Hexachlorobenzene	10.904	284	230927	46.225	ng	97
69) Atrazine	11.004	200	203216	50.597	ng	99
70) Pentachlorophenol	11.104	266	215098	71.964	ng	100
71) Phenanthrene	11.322	178	1036641	44.455	ng	98
72) Anthracene	11.374	178	1012035	42.222	ng	99
73) Carbazole	11.533	167	958818	43.943	ng	99
74) Di-n-butylphthalate	11.863	149	1157674	45.026	ng	99
75) Fluoranthene	12.516	202	1096787	45.139	ng	98
77) Benzidine	12.639	184	222818	43.702	ng	100
78) Pyrene	12.745	202	1084234	45.759	ng	100
80) Butylbenzylphthalate	13.368	149	416587	49.936	ng	96
81) Benzo(a)anthracene	13.939	228	702723	43.728	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	187759	37.405	ng	99
83) Chrysene	13.974	228	697880	43.679	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	453635	52.990	ng	99
85) Di-n-octyl phthalate	14.551	149	693122	50.947	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.886	276	777150	45.683	ng	99
88) Benzo(b)fluoranthene	14.986	252	631442	44.958	ng	99
89) Benzo(k)fluoranthene	15.015	252	579663	41.780	ng	98
90) Benzo(a)pyrene	15.351	252	570066	42.561	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	618467	44.433	ng	99
92) Benzo(g,h,i)perylene	17.339	276	635736	43.733	ng	99

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

