

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135111.D
 Acq On : 06 Sep 2023 00:37
 Operator : CG\JU
 Sample : 04109-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

Quant Time: Sep 06 02:00:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108014	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	419095	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	196058	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	306257	20.000	ng	0.00
76) Chrysene-d12	13.962	240	189094	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	168947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	615633	88.036	ng	0.01
7) Phenol-d6	6.422	99	764588	87.720	ng	0.00
23) Nitrobenzene-d5	7.339	82	471844	63.252	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	175455	84.363	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	842610	69.972	ng	0.00
79) Terphenyl-d14	12.898	244	704296	60.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	118620	40.045	ng	98
3) Pyridine	3.328	79	301306	37.731	ng	98
4) n-Nitrosodimethylamine	3.298	42	179716	46.018	ng	92
6) Aniline	6.439	93	219800	20.342	ng	# 63
8) 2-Chlorophenol	6.563	128	344391	48.476	ng	100
9) Benzaldehyde	6.328	77	130739	29.437	ng	98
10) Phenol	6.434	94	410152	44.823	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	319602	46.383	ng	99
12) 1,3-Dichlorobenzene	6.716	146	348358	47.594	ng	100
13) 1,4-Dichlorobenzene	6.792	146	357737	48.833	ng	99
14) 1,2-Dichlorobenzene	6.945	146	341779	49.996	ng	99
15) Benzyl Alcohol	6.922	79	297025	49.739	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	515111	44.640	ng	98
17) 2-Methylphenol	7.039	107	271102	43.792	ng	94
18) Hexachloroethane	7.281	117	130905	48.239	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	232241	44.857	ng	95
20) 3+4-Methylphenols	7.186	107	327386	44.826	ng	# 90
22) Acetophenone	7.186	105	462145	49.576	ng	97
24) Nitrobenzene	7.357	77	355244	46.424	ng	96
25) Isophorone	7.598	82	638027	45.111	ng	98
26) 2-Nitrophenol	7.675	139	179106	47.374	ng	95
27) 2,4-Dimethylphenol	7.716	122	274809	45.149	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	393393	46.109	ng	99
29) 2,4-Dichlorophenol	7.916	162	272775	47.153	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	300713	48.102	ng	99
31) Naphthalene	8.075	128	944112	46.116	ng	99
32) Benzoic acid	7.845	122	173123	35.556	ng	98
33) 4-Chloroaniline	8.128	127	88112	9.840	ng	97
34) Hexachlorobutadiene	8.192	225	171606	48.370	ng	99
35) Caprolactam	8.510	113	84359m	44.537	ng	
36) 4-Chloro-3-methylphenol	8.622	107	298275	47.471	ng	95
37) 2-Methylnaphthalene	8.769	142	591035	43.268	ng	99
38) 1-Methylnaphthalene	8.869	142	565082	44.212	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	280023	51.021	ng	99
41) Hexachlorocyclopentadiene	8.916	237	96009	41.100	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	178261	48.363	ng	100

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44) 2,4,5-Trichlorophenol	9.092	196	192072	45.010	ng	# 93
46) 1,1'-Biphenyl	9.233	154	750209	50.083	ng	99
47) 2-Chloronaphthalene	9.263	162	552423	49.042	ng	99
48) 2-Nitroaniline	9.363	65	188543	48.896	ng	91
49) Acenaphthylene	9.674	152	827749	48.612	ng	100
50) Dimethylphthalate	9.545	163	675371	49.196	ng	100
51) 2,6-Dinitrotoluene	9.610	165	146432	48.611	ng	86
52) Acenaphthene	9.851	154	500245	46.100	ng	99
53) 3-Nitroaniline	9.774	138	78408	22.345	ng	94
54) 2,4-Dinitrophenol	9.886	184	38962	27.063	ng	88
55) Dibenzofuran	10.022	168	713382	45.574	ng	99
56) 4-Nitrophenol	9.951	139	201051	81.510	ng	97
57) 2,4-Dinitrotoluene	10.016	165	173507	46.219	ng	97
58) Fluorene	10.369	166	543173	45.516	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	137259	41.771	ng	96
60) Diethylphthalate	10.245	149	614884	47.581	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	271158	45.937	ng	99
62) 4-Nitroaniline	10.392	138	123323	35.918	ng	97
63) Azobenzene	10.521	77	563028	43.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	36949	19.934	ng	94
66) n-Nitrosodiphenylamine	10.480	169	489927	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	161476	49.711	ng	99
68) Hexachlorobenzene	10.916	284	171436	51.041	ng	98
70) Pentachlorophenol	11.110	266	143218	70.479	ng	98
71) Phenanthrene	11.333	178	750211	47.482	ng	99
72) Anthracene	11.380	178	755526	46.802	ng	99
73) Carbazole	11.539	167	648206	46.555	ng	99
74) Di-n-butylphthalate	11.874	149	809488	48.229	ng	100
75) Fluoranthene	12.527	202	706611	44.234	ng	98
77) Benzidine	12.651	184	246203	72.228	ng	98
78) Pyrene	12.757	202	714787	39.813	ng	99
80) Butylbenzylphthalate	13.380	149	293350	45.229	ng	98
81) Benzo(a)anthracene	13.951	228	586636	45.480	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	173602	44.602	ng	98
83) Chrysene	13.992	228	576311	45.463	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	364517	54.306	ng	100
85) Di-n-octyl phthalate	14.562	149	639891	62.457	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	474911	41.733	ng	98
88) Benzo(b)fluoranthene	15.004	252	528346	50.260	ng	98
89) Benzo(k)fluoranthene	15.033	252	486974	47.951	ng	98
90) Benzo(a)pyrene	15.368	252	434918	44.537	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	396018	42.968	ng	97
92) Benzo(g,h,i)perylene	17.362	276	374714	39.090	ng	99

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

