

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135112.D
 Acq On : 06 Sep 2023 01:10
 Operator : CG\JU
 Sample : 03972-08MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 03:46:16 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108575	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	428341	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	195704	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	295669	20.000	ng	0.00
76) Chrysene-d12	13.968	240	191943	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	171419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	827374	117.704	ng	0.03
7) Phenol-d6	6.422	99	937274	106.976	ng	0.00
23) Nitrobenzene-d5	7.345	82	697106	91.432	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	252194	121.480	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1207825	100.482	ng	0.00
79) Terphenyl-d14	12.910	244	1012081	86.047	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	118447	39.780	ng	# 82
3) Pyridine	3.446	79	267797	33.361	ng	98
4) n-Nitrosodimethylamine	3.381	42	186082	47.402	ng	94
6) Aniline	6.445	93	89483	8.239	ng	# 49
8) 2-Chlorophenol	6.563	128	351561	49.230	ng	98
9) Benzaldehyde	6.334	77	123089	27.572	ng	97
10) Phenol	6.440	94	362789	39.442	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	337922	48.788	ng	97
12) 1,3-Dichlorobenzene	6.716	146	365232	49.641	ng	99
13) 1,4-Dichlorobenzene	6.792	146	370035	50.251	ng	99
14) 1,2-Dichlorobenzene	6.945	146	346593	50.438	ng	100
15) Benzyl Alcohol	6.928	79	308011	51.312	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	537189	46.313	ng	91
17) 2-Methylphenol	7.040	107	269675	43.336	ng	95
18) Hexachloroethane	7.281	117	133762	49.037	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	252434	48.505	ng	98
20) 3+4-Methylphenols	7.192	107	324041	44.139	ng	96
22) Acetophenone	7.187	105	487483	51.166	ng	96
24) Nitrobenzene	7.363	77	374397	47.871	ng	98
25) Isophorone	7.598	82	686916	47.519	ng	97
26) 2-Nitrophenol	7.675	139	187154	48.434	ng	96
27) 2,4-Dimethylphenol	7.716	122	257694	41.423	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	417694	47.900	ng	99
29) 2,4-Dichlorophenol	7.916	162	286421	48.443	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	312913	48.973	ng	98
31) Naphthalene	8.075	128	976063	46.647	ng	99
32) Benzoic acid	7.875	122	238122	47.850	ng	96
33) 4-Chloroaniline	8.128	127	45634	4.986	ng	98
34) Hexachlorobutadiene	8.192	225	179825	49.592	ng	99
35) Caprolactam	8.522	113	72376m	37.386	ng	
36) 4-Chloro-3-methylphenol	8.622	107	302696	47.135	ng	95
37) 2-Methylnaphthalene	8.769	142	626958	44.907	ng	100
38) 1-Methylnaphthalene	8.869	142	586773	44.918	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	290496	53.025	ng	99
41) Hexachlorocyclopentadiene	8.916	237	156530	67.129	ng	96
43) 2,4,6-Trichlorophenol	9.051	196	194620	52.896	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	195022	45.784	ng	99
46) 1,1'-Biphenyl	9.239	154	780445	52.196	ng	99
47) 2-Chloronaphthalene	9.263	162	581338	51.702	ng	99
48) 2-Nitroaniline	9.363	65	196357	51.015	ng	89
49) Acenaphthylene	9.681	152	834495	49.096	ng	99
50) Dimethylphthalate	9.545	163	709348	51.764	ng	100
51) 2,6-Dinitrotoluene	9.610	165	146324	48.663	ng	98
52) Acenaphthene	9.851	154	518898	47.905	ng	100
53) 3-Nitroaniline	9.775	138	64630	18.452	ng	95
54) 2,4-Dinitrophenol	9.886	184	71038	49.432	ng	94
55) Dibenzofuran	10.022	168	736305	47.123	ng	99
56) 4-Nitrophenol	9.963	139	179280	72.815	ng	93
57) 2,4-Dinitrotoluene	10.016	165	173737	46.364	ng	96
58) Fluorene	10.369	166	538348	45.193	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	153512	46.802	ng	# 95
60) Diethylphthalate	10.245	149	688507	53.374	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	274012	46.504	ng	97
62) 4-Nitroaniline	10.392	138	96909	28.276	ng	92
63) Azobenzene	10.522	77	579353	44.605	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	52606	29.398	ng	95
66) n-Nitrosodiphenylamine	10.480	169	500663	54.459	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	164686	52.514	ng	95
68) Hexachlorobenzene	10.916	284	176734	54.502	ng	97
70) Pentachlorophenol	11.122	266	163555	83.370	ng	99
71) Phenanthrene	11.333	178	754343	49.453	ng	100
72) Anthracene	11.386	178	709850	45.547	ng	99
73) Carbazole	11.551	167	644037	47.912	ng	99
74) Di-n-butylphthalate	11.880	149	816195	50.370	ng	99
75) Fluoranthene	12.533	202	709644	46.014	ng	98
78) Pyrene	12.763	202	723084	39.677	ng	100
80) Butylbenzylphthalate	13.386	149	311946	47.382	ng	96
81) Benzo(a)anthracene	13.957	228	615115	46.980	ng	99
83) Chrysene	13.992	228	607465	47.210	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	399171	58.586	ng	# 99
85) Di-n-octyl phthalate	14.568	149	703861	67.682	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	520412	45.072	ng	98
88) Benzo(b)fluoranthene	15.010	252	571752	53.605	ng	98
89) Benzo(k)fluoranthene	15.039	252	510479	49.541	ng	98
90) Benzo(a)pyrene	15.374	252	437279	44.133	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	440174	47.070	ng	96
92) Benzo(g,h,i)perylene	17.368	276	407380	41.885	ng	98

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

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