

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135589.D
 Acq On : 05 Oct 2023 01:30
 Operator : CG\JU
 Sample : 04651-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 06:49:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146971	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	570489	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	281589	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	544236	20.000	ng	0.00
76) Chrysene-d12	13.927	240	265875	20.000	ng	0.00
86) Perylene-d12	15.386	264	177671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1206458	133.512	ng	0.02
7) Phenol-d6	6.398	99	1450569	126.244	ng	0.01
23) Nitrobenzene-d5	7.310	82	1009357	96.124	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	374929	133.984	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1707172	91.468	ng	0.00
79) Terphenyl-d14	12.863	244	1597423	93.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	185855	46.917	ng	# 79
3) Pyridine	3.369	79	255158	23.933	ng	97
4) n-Nitrosodimethylamine	3.293	42	298389	52.741	ng	98
6) Aniline	6.422	93	123069	8.168	ng	# 31
8) 2-Chlorophenol	6.534	128	496095	51.428	ng	98
9) Benzaldehyde	6.304	77	77858	11.894	ng	96
10) Phenol	6.410	94	548718	43.551	ng	88
11) bis(2-Chloroethyl)ether	6.486	93	515188	54.512	ng	98
12) 1,3-Dichlorobenzene	6.681	146	478507	48.810	ng	96
13) 1,4-Dichlorobenzene	6.757	146	487406	48.867	ng	99
14) 1,2-Dichlorobenzene	6.904	146	458727	49.525	ng	99
15) Benzyl Alcohol	6.892	79	292534	35.479	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	873662	49.043	ng	58
17) 2-Methylphenol	7.010	107	388636	45.655	ng	# 91
18) Hexachloroethane	7.239	117	182160	49.428	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	331750	46.614	ng	94
20) 3+4-Methylphenols	7.163	107	491500	48.017	ng	# 78
22) Acetophenone	7.151	105	655363	50.247	ng	# 89
24) Nitrobenzene	7.328	77	532005	51.259	ng	100
25) Isophorone	7.563	82	1000234	51.875	ng	98
26) 2-Nitrophenol	7.639	139	266922	53.585	ng	100
27) 2,4-Dimethylphenol	7.686	122	400620	47.848	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	568071	49.223	ng	99
29) 2,4-Dichlorophenol	7.886	162	408679	52.676	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	409227	50.464	ng	99
31) Naphthalene	8.039	128	1366885	49.313	ng	99
32) Benzoic acid	7.839	122	340037	53.933	ng	96
34) Hexachlorobutadiene	8.151	225	227022	46.428	ng	97
35) Caprolactam	8.486	113	129466m	49.721	ng	
36) 4-Chloro-3-methylphenol	8.598	107	452052	52.425	ng	97
37) 2-Methylnaphthalene	8.733	142	874407	46.930	ng	98
38) 1-Methylnaphthalene	8.828	142	844422	48.407	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	413268	50.659	ng	98
41) Hexachlorocyclopentadiene	8.880	237	247923	69.989	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	274155	51.327	ng	100
44) 2,4,5-Trichlorophenol	9.075	196	297721	48.401	ng	97

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46) 1,1'-Biphenyl	9.198	154	1109623	51.277	ng	98
47) 2-Chloronaphthalene	9.222	162	847353	53.969	ng	98
48) 2-Nitroaniline	9.333	65	311162	51.012	ng	98
49) Acenaphthylene	9.639	152	1261271	48.336	ng	99
50) Dimethylphthalate	9.510	163	1013178	53.218	ng	100
51) 2,6-Dinitrotoluene	9.575	165	225312	54.023	ng	96
52) Acenaphthene	9.810	154	765318	49.649	ng	98
53) 3-Nitroaniline	9.745	138	41440	8.465	ng	95
54) 2,4-Dinitrophenol	9.869	184	258245	106.802	ng	98
55) Dibenzofuran	9.986	168	1085582	46.151	ng	98
56) 4-Nitrophenol	9.933	139	227448	73.101	ng	97
57) 2,4-Dinitrotoluene	9.992	165	257042	49.230	ng	91
58) Fluorene	10.327	166	858811	47.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	244802	51.737	ng	97
60) Diethylphthalate	10.210	149	951547	49.802	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	395454	45.525	ng	95
62) 4-Nitroaniline	10.363	138	101790	21.630	ng	98
63) Azobenzene	10.480	77	942659	50.411	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	163909	56.704	ng	98
66) n-Nitrosodiphenylamine	10.445	169	435552	26.435	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	271996	50.250	ng	95
68) Hexachlorobenzene	10.874	284	293520	53.228	ng	# 88
69) Atrazine	10.974	200	9368	2.113	ng	96
70) Pentachlorophenol	11.080	266	286272	86.768	ng	98
71) Phenanthrene	11.298	178	1325917	51.512	ng	99
72) Anthracene	11.351	178	1340462	50.664	ng	99
73) Carbazole	11.504	167	538549	22.360	ng	99
74) Di-n-butylphthalate	11.833	149	1590361	56.037	ng	99
75) Fluoranthene	12.492	202	1400620	52.221	ng	100
77) Benzidine	12.639	184	18514m	3.399	ng	
78) Pyrene	12.721	202	1392990	55.030	ng	100
80) Butylbenzylphthalate	13.339	149	596982	66.983	ng	95
81) Benzo(a)anthracene	13.915	228	939962	54.750	ng	98
82) 3,3'-Dichlorobenzidine	13.880	252	15100	2.816	ng	# 93
83) Chrysene	13.957	228	917069	53.727	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	691505	75.610	ng	99
85) Di-n-octyl phthalate	14.515	149	1039295	71.507	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	969110	83.190	ng	96
88) Benzo(b)fluoranthene	14.962	252	855144	88.911	ng	# 98
89) Benzo(k)fluoranthene	14.992	252	756251	79.598	ng	# 97
90) Benzo(a)pyrene	15.327	252	683739	74.546	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	847087	88.871	ng	98
92) Benzo(g,h,i)perylene	17.321	276	803710	80.738	ng	95

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

