

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133349.D
 Acq On : 11 May 2023 11:47
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 12:44:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	212256	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	818393	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	415099	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	726009	20.000	ng	0.00
76) Chrysene-d12	13.880	240	471209	20.000	ng	0.00
86) Perylene-d12	15.292	264	391340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1061151	75.521	ng	0.00
7) Phenol-d6	6.369	99	1319847	75.678	ng	0.00
23) Nitrobenzene-d5	7.292	82	1163291	76.724	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	306586	73.441	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1876860	75.644	ng	0.00
79) Terphenyl-d14	12.827	244	1978317	72.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.363	88	242389	37.191	ng	97
3) Pyridine	3.057	79	661747	38.229	ng	97
4) n-Nitrosodimethylamine	3.022	42	316803	35.334	ng	100
6) Aniline	6.387	93	844405	37.592	ng	# 81
8) 2-Chlorophenol	6.510	128	550746	38.605	ng	94
9) Benzaldehyde	6.269	77	317672	39.207	ng	100
10) Phenol	6.381	94	693008	36.020	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	535636	37.100	ng	98
12) 1,3-Dichlorobenzene	6.663	146	576166	37.986	ng	99
13) 1,4-Dichlorobenzene	6.739	146	583962	38.415	ng	99
14) 1,2-Dichlorobenzene	6.892	146	545806	38.945	ng	96
15) Benzyl Alcohol	6.869	79	440487	36.564	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	846133	33.742	ng	94
17) 2-Methylphenol	6.987	107	489637	37.482	ng	98
18) Hexachloroethane	7.234	117	201545	38.135	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	361294	33.276	ng	93
20) 3+4-Methylphenols	7.145	107	580903	37.760	ng	# 70
22) Acetophenone	7.139	105	728584	38.432	ng	# 97
24) Nitrobenzene	7.310	77	580991	37.815	ng	99
25) Isophorone	7.545	82	1058649	36.775	ng	98
26) 2-Nitrophenol	7.628	139	313578	42.315	ng	91
27) 2,4-Dimethylphenol	7.669	122	487497	38.365	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	631048	37.055	ng	99
29) 2,4-Dichlorophenol	7.869	162	459749	39.744	ng	100
30) 1,2,4-Trichlorobenzene	7.951	180	467622	39.020	ng	98
31) Naphthalene	8.028	128	1586197	38.766	ng	99
32) Benzoic acid	7.792	122	259079m	33.008	ng	
33) 4-Chloroaniline	8.081	127	686531	41.527	ng	100
34) Hexachlorobutadiene	8.151	225	257165	38.717	ng	98
35) Caprolactam	8.457	113	157474m	40.523	ng	
36) 4-Chloro-3-methylphenol	8.569	107	485410	38.913	ng	96
37) 2-Methylnaphthalene	8.722	142	1069847	38.244	ng	98
38) 1-Methylnaphthalene	8.822	142	1001036	38.252	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	427059	38.264	ng	99
41) Hexachlorocyclopentadiene	8.875	237	251014	38.564	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	288459	37.372	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133349.D
 Acq On : 11 May 2023 11:47
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 12:44:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	346438	38.809	ng	98
46) 1,1'-Biphenyl	9.186	154	1253291	38.076	ng	98
47) 2-Chloronaphthalene	9.210	162	928222	38.528	ng	100
48) 2-Nitroaniline	9.304	65	313727	39.402	ng	93
49) Acenaphthylene	9.622	152	1486538	38.616	ng	99
50) Dimethylphthalate	9.486	163	1108648	38.303	ng	100
51) 2,6-Dinitrotoluene	9.545	165	254931	39.133	ng	98
52) Acenaphthene	9.792	154	986074m	38.246	ng	
53) 3-Nitroaniline	9.716	138	312435	40.335	ng	98
54) 2,4-Dinitrophenol	9.822	184	111232	33.969	ng	# 87
55) Dibenzofuran	9.963	168	1321029	37.562	ng	98
56) 4-Nitrophenol	9.886	139	220606	36.771	ng	91
57) 2,4-Dinitrotoluene	9.951	165	334446	40.256	ng	98
58) Fluorene	10.310	166	992760	38.529	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	253711	36.661	ng	99
60) Diethylphthalate	10.186	149	1026078	37.531	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	475293	37.852	ng	96
62) 4-Nitroaniline	10.333	138	303411	42.618	ng	97
63) Azobenzene	10.463	77	1056697	36.486	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	179717	40.840	ng	88
66) n-Nitrosodiphenylamine	10.422	169	893769	37.952	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	294240	37.369	ng	93
68) Hexachlorobenzene	10.857	284	305478	37.861	ng	99
69) Atrazine	10.951	200	264448	38.971	ng	98
70) Pentachlorophenol	11.051	266	203163	35.356	ng	97
71) Phenanthrene	11.269	178	1458595	37.380	ng	100
72) Anthracene	11.316	178	1510286	37.820	ng	99
73) Carbazole	11.474	167	1370600	38.546	ng	99
74) Di-n-butylphthalate	11.804	149	1568246	38.973	ng	100
75) Fluoranthene	12.451	202	1490951	38.072	ng	99
77) Benzidine	12.574	184	360190	45.202	ng	# 93
78) Pyrene	12.680	202	1529320	37.861	ng	98
80) Butylbenzylphthalate	13.304	149	650964	45.515	ng	100
81) Benzo(a)anthracene	13.868	228	1167716	36.037	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	371026	41.448	ng	98
83) Chrysene	13.904	228	1208930	37.318	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	754223	42.013	ng	99
85) Di-n-octyl phthalate	14.474	149	1213287	41.449	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	958325	43.051	ng	99
88) Benzo(b)fluoranthene	14.892	252	942725	37.866	ng	100
89) Benzo(k)fluoranthene	14.921	252	952665	38.601	ng	100
90) Benzo(a)pyrene	15.239	252	869147	38.354	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	803596	43.283	ng	98
92) Benzo(g,h,i)perylene	17.092	276	815565	44.495	ng	97

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

