

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129717.D
 Acq On : 11 Aug 2022 16:09
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:58:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	180925	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	705650	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	373650	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	620286	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	395275	20.000	ng	0.00
86) Perylene-d12	15.486	264	315837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	874370	78.726	ng	0.00
7) Phenol-d6	6.492	99	1088102	77.943	ng	0.00
23) Nitrobenzene-d5	7.404	82	1060142	82.012	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	300175	83.559	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1924592	79.680	ng	0.00
79) Terphenyl-d14	12.951	244	1933110	92.264	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	185930	37.104	ng	87
3) Pyridine	3.357	79	516600	37.122	ng	90
4) n-Nitrosodimethylamine	3.322	42	228676	37.421	ng	# 90
6) Aniline	6.504	93	618386	35.632	ng	# 24
8) 2-Chlorophenol	6.628	128	486798	40.118	ng	98
9) Benzaldehyde	6.392	77	320838	33.842	ng	99
10) Phenol	6.504	94	590516m	39.722	ng	
11) bis(2-Chloroethyl)ether	6.575	93	471093	39.957	ng	91
12) 1,3-Dichlorobenzene	6.775	146	529283	40.671	ng	97
13) 1,4-Dichlorobenzene	6.851	146	536569	40.541	ng	99
14) 1,2-Dichlorobenzene	7.004	146	495053	40.694	ng	98
15) Benzyl Alcohol	6.986	79	407101	40.208	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	628776	35.479	ng	# 20
17) 2-Methylphenol	7.104	107	397368	39.475	ng	# 87
18) Hexachloroethane	7.339	117	206123	41.361	ng	89
19) n-Nitroso-di-n-propyla...	7.251	70	352689	41.731	ng	93
20) 3+4-Methylphenols	7.257	107	518285	40.494	ng	94
22) Acetophenone	7.251	105	681315	41.470	ng	# 99
24) Nitrobenzene	7.428	77	533263	40.061	ng	93
25) Isophorone	7.663	82	918904	39.657	ng	98
26) 2-Nitrophenol	7.739	139	269625	41.058	ng	92
27) 2,4-Dimethylphenol	7.780	122	398347m	40.440	ng	
28) bis(2-Chloroethoxy)met...	7.863	93	535026	39.804	ng	99
29) 2,4-Dichlorophenol	7.986	162	415192	40.837	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	434430	41.281	ng	96
31) Naphthalene	8.139	128	1457861	40.664	ng	99
32) Benzoic acid	7.922	122	171590	24.096	ng	99
33) 4-Chloroaniline	8.192	127	569177	38.670	ng	99
34) Hexachlorobutadiene	8.251	225	263017	43.968	ng	99
35) Caprolactam	8.580	113	127778m	38.657	ng	
36) 4-Chloro-3-methylphenol	8.692	107	444203	41.194	ng	93
37) 2-Methylnaphthalene	8.833	142	961503	41.269	ng	100
38) 1-Methylnaphthalene	8.927	142	932943	41.481	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	417769	42.581	ng	99
41) Hexachlorocyclopentadiene	8.975	237	177983	40.739	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	278034	39.017	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	301654	38.926	ng	96
46) 1,1'-Biphenyl	9.298	154	1127326	41.341	ng	99
47) 2-Chloronaphthalene	9.322	162	891991	40.464	ng	100
48) 2-Nitroaniline	9.427	65	284690	38.838	ng	90
49) Acenaphthylene	9.739	152	1350233	40.310	ng	100
50) Dimethylphthalate	9.598	163	1081104	41.913	ng	100
51) 2,6-Dinitrotoluene	9.669	165	235123	40.726	ng	99
52) Acenaphthene	9.910	154	892138m	40.778	ng	
53) 3-Nitroaniline	9.845	138	251582	36.904	ng	# 87
54) 2,4-Dinitrophenol	9.951	184	109730	37.231	ng	93
55) Dibenzofuran	10.080	168	1208404	40.068	ng	95
56) 4-Nitrophenol	10.027	139	182316	36.250	ng	97
57) 2,4-Dinitrotoluene	10.074	165	297488	39.445	ng	93
58) Fluorene	10.427	166	1005038	41.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	231972	38.735	ng	94
60) Diethylphthalate	10.292	149	1060213	42.519	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	458451	43.094	ng	# 88
62) 4-Nitroaniline	10.463	138	241365	35.690	ng	95
63) Azobenzene	10.574	77	1019225	40.075	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	153090	39.103	ng	82
66) n-Nitrosodiphenylamine	10.539	169	850674	41.181	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	297005	43.727	ng	96
68) Hexachlorobenzene	10.974	284	325767	44.264	ng	98
69) Atrazine	11.063	200	269485	42.950	ng	97
70) Pentachlorophenol	11.180	266	142901	35.717	ng	100
71) Phenanthrene	11.392	178	1374140	40.583	ng	99
72) Anthracene	11.445	178	1359814	40.867	ng	99
73) Carbazole	11.604	167	1217625	38.874	ng	99
74) Di-n-butylphthalate	11.916	149	1655315	44.376	ng	99
75) Fluoranthene	12.580	202	1394534	40.648	ng	98
77) Benzidine	12.704	184	547025	39.174	ng	99
78) Pyrene	12.815	202	1397270	42.272	ng	98
80) Butylbenzylphthalate	13.421	149	660952	46.101	ng	95
81) Benzo(a)anthracene	14.004	228	1094799	40.546	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	335056	37.584	ng	96
83) Chrysene	14.045	228	1013606	39.831	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	911004	48.265	ng	# 99
85) Di-n-octyl phthalate	14.586	149	1314974	48.412	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	889097	41.803	ng	99
88) Benzo(b)fluoranthene	15.056	252	842966	40.236	ng	99
89) Benzo(k)fluoranthene	15.086	252	823313	40.101	ng	99
90) Benzo(a)pyrene	15.421	252	673472	39.600	ng	97
91) Dibenzo(a,h)anthracene	16.986	278	724285	41.840	ng	99
92) Benzo(g,h,i)perylene	17.421	276	726741	41.085	ng	99

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

