

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128670.D
 Acq On : 03 Jun 2022 10:14
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

Quant Time: Jun 03 23:40:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	106384	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	382645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	217920	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	385162	20.000	ng	0.00
76) Chrysene-d12	13.998	240	256678	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	196796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	520075	77.868	ng	0.00
7) Phenol-d6	6.492	99	646392	79.285	ng	0.00
23) Nitrobenzene-d5	7.392	82	680692	82.824	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	209510	81.368	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1270201	81.649	ng	0.00
79) Terphenyl-d14	12.945	244	1288944	87.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	98951	39.908	ng	# 91
3) Pyridine	3.328	79	257766	39.134	ng	# 86
4) n-Nitrosodimethylamine	3.293	42	188150	41.191	ng	# 67
6) Aniline	6.492	93	343498	39.066	ng	# 52
8) 2-Chlorophenol	6.628	128	266730	39.029	ng	99
9) Benzaldehyde	6.375	77	159203	32.053	ng	92
10) Phenol	6.504	94	342036	39.689	ng	# 73
11) bis(2-Chloroethyl)ether	6.563	93	251047	39.754	ng	98
12) 1,3-Dichlorobenzene	6.769	146	314446	39.800	ng	98
13) 1,4-Dichlorobenzene	6.845	146	316541	39.670	ng	100
14) 1,2-Dichlorobenzene	6.998	146	299758	40.160	ng	98
15) Benzyl Alcohol	6.975	79	282663	41.438	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	418230	40.197	ng	# 39
17) 2-Methylphenol	7.104	107	219374	40.615	ng	# 83
18) Hexachloroethane	7.339	117	122746	41.347	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	209459	41.321	ng	93
20) 3+4-Methylphenols	7.257	107	292774	40.601	ng	# 82
22) Acetophenone	7.239	105	402764	40.245	ng	94
24) Nitrobenzene	7.410	77	309541	41.025	ng	93
25) Isophorone	7.651	82	505078	40.464	ng	97
26) 2-Nitrophenol	7.728	139	139708	42.025	ng	# 84
27) 2,4-Dimethylphenol	7.781	122	203228	40.132	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	320142	40.572	ng	98
29) 2,4-Dichlorophenol	7.986	162	237004	40.437	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	264725	40.113	ng	99
31) Naphthalene	8.134	128	789323	40.194	ng	99
32) Benzoic acid	7.916	122	156817m	43.648	ng	
33) 4-Chloroaniline	8.186	127	293845	39.688	ng	95
34) Hexachlorobutadiene	8.245	225	191206	40.853	ng	98
35) Caprolactam	8.563	113	63232	39.014	ng	# 92
36) 4-Chloro-3-methylphenol	8.686	107	259503	40.570	ng	97
37) 2-Methylnaphthalene	8.822	142	503050	40.274	ng	100
38) 1-Methylnaphthalene	8.922	142	485094	40.197	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	277063	40.938	ng	99
41) Hexachlorocyclopentadiene	8.975	237	166807	41.003	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	184279	40.264	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	190684	40.315	ng	# 92
46) 1,1'-Biphenyl	9.292	154	650105	39.760	ng	98
47) 2-Chloronaphthalene	9.316	162	497848	39.902	ng	98
48) 2-Nitroaniline	9.416	65	181473	42.534	ng	93
49) Acenaphthylene	9.728	152	766937	40.152	ng	100
50) Dimethylphthalate	9.592	163	600552	40.262	ng	100
51) 2,6-Dinitrotoluene	9.651	165	123234	41.859	ng	# 68
52) Acenaphthene	9.904	154	503285m	40.461	ng	
53) 3-Nitroaniline	9.828	138	129437	40.510	ng	95
54) 2,4-Dinitrophenol	9.928	184	66058	40.285	ng	# 89
55) Dibenzofuran	10.075	168	711910	39.824	ng	92
56) 4-Nitrophenol	10.022	139	92854	40.090	ng	# 56
57) 2,4-Dinitrotoluene	10.057	165	163117	41.517	ng	90
58) Fluorene	10.416	166	558093	40.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	158782m	40.644	ng	
60) Diethylphthalate	10.292	149	608469	40.587	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	287662	40.005	ng	93
62) 4-Nitroaniline	10.445	138	126174	39.001	ng	# 69
63) Azobenzene	10.569	77	606099	41.067	ng	94
65) 4,6-Dinitro-2-methylph...	10.463	198	97431	42.864	ng	81
66) n-Nitrosodiphenylamine	10.527	169	495493	41.854	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	182022	42.377	ng	92
68) Hexachlorobenzene	10.963	284	200681	42.070	ng	95
69) Atrazine	11.057	200	158370	41.599	ng	96
70) Pentachlorophenol	11.163	266	101274	42.531	ng	98
71) Phenanthrene	11.380	178	798349	41.325	ng	99
72) Anthracene	11.433	178	788720	41.248	ng	100
73) Carbazole	11.586	167	723165	40.719	ng	98
74) Di-n-butylphthalate	11.916	149	916913	42.403	ng	99
75) Fluoranthene	12.569	202	818507	40.532	ng	97
77) Benzidine	12.692	184	218882	42.778	ng	99
78) Pyrene	12.798	202	821696	43.028	ng	98
80) Butylbenzylphthalate	13.416	149	346041	43.149	ng	96
81) Benzo(a)anthracene	13.986	228	658076	41.131	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	142557	41.647	ng	99
83) Chrysene	14.027	228	623769	40.893	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	460644	44.182	ng	98
85) Di-n-octyl phthalate	14.592	149	669570	42.640	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	502201	42.339	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	489331	38.913	ng	# 97
89) Benzo(k)fluoranthene	15.062	252	504923	42.684	ng	# 97
90) Benzo(a)pyrene	15.398	252	400079	40.479	ng	# 96
91) Dibenzo(a,h)anthracene	16.933	278	413138	41.991	ng	# 96
92) Benzo(g,h,i)perylene	17.356	276	407720	41.813	ng	# 93

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

