

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128646.D
 Acq On : 02 Jun 2022 19:08
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 03:27:02 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	6.828	152	90989	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	321345	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	175764	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323953	20.000	ng	0.00
76) Chrysene-d12	13.998	240	224418	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	192229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	440880	77.179	ng	0.00
7) Phenol-d6	6.492	99	534543	76.659	ng	0.00
23) Nitrobenzene-d5	7.392	82	555794	80.527	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	174969	84.252	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1045475	83.322	ng	0.00
79) Terphenyl-d14	12.945	244	1084765	83.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	83532	39.389	ng	# 93
3) Pyridine	3.287	79	217038	38.526	ng	# 85
4) n-Nitrosodimethylamine	3.252	42	151341	38.739	ng	# 75
6) Aniline	6.492	93	285392	37.950	ng	# 77
8) 2-Chlorophenol	6.628	128	223659	38.264	ng	96
9) Benzaldehyde	6.375	77	142965	33.654	ng	93
10) Phenol	6.504	94	283083	38.406	ng	77
11) bis(2-Chloroethyl)ether	6.563	93	208043	38.518	ng	99
12) 1,3-Dichlorobenzene	6.763	146	264458m	39.136	ng	
13) 1,4-Dichlorobenzene	6.845	146	265587	38.916	ng	98
14) 1,2-Dichlorobenzene	6.998	146	251051	39.325	ng	98
15) Benzyl Alcohol	6.975	79	229083	39.265	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	352711	39.635	ng	86
17) 2-Methylphenol	7.110	107	182881	39.587	ng	# 83
18) Hexachloroethane	7.339	117	105501	41.551	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	173304	39.973	ng	95
20) 3+4-Methylphenols	7.257	107	240995	39.075	ng	# 79
22) Acetophenone	7.234	105	337432	40.148	ng	# 92
24) Nitrobenzene	7.410	77	255535	40.328	ng	95
25) Isophorone	7.651	82	412991	39.398	ng	# 98
26) 2-Nitrophenol	7.728	139	113699	40.726	ng	# 85
27) 2,4-Dimethylphenol	7.781	122	168410	39.600	ng	92
28) bis(2-Chloroethoxy)met...	7.863	93	263158	39.712	ng	99
29) 2,4-Dichlorophenol	7.987	162	198908	40.411	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	222572	40.160	ng	98
31) Naphthalene	8.134	128	657377	39.861	ng	99
32) Benzoic acid	7.904	122	126437m	41.905	ng	
33) 4-Chloroaniline	8.186	127	241865	38.899	ng	96
34) Hexachlorobutadiene	8.245	225	158406	40.302	ng	100
35) Caprolactam	8.551	113	53186m	39.076	ng	
36) 4-Chloro-3-methylphenol	8.686	107	216644	40.331	ng	93
37) 2-Methylnaphthalene	8.822	142	418293	39.877	ng	99
38) 1-Methylnaphthalene	8.922	142	400175	39.486	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	229218	41.991	ng	99
41) Hexachlorocyclopentadiene	8.975	237	136076	41.471	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	150895	40.877	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	156547	41.036	ng	# 96
46) 1,1'-Biphenyl	9.286	154	538352	40.822	ng	99
47) 2-Chloronaphthalene	9.310	162	416053	41.344	ng	97
48) 2-Nitroaniline	9.410	65	148189	43.064	ng	87
49) Acenaphthylene	9.728	152	632354	41.047	ng	99
50) Dimethylphthalate	9.592	163	493384	41.011	ng	99
51) 2,6-Dinitrotoluene	9.651	165	100628	42.379	ng	# 75
52) Acenaphthene	9.898	154	418081m	41.673	ng	
53) 3-Nitroaniline	9.828	138	106280	41.240	ng	# 98
54) 2,4-Dinitrophenol	9.928	184	54351	41.095	ng	# 83
55) Dibenzofuran	10.075	168	593704	41.177	ng	94
56) 4-Nitrophenol	10.028	139	76175	40.777	ng	# 60
57) 2,4-Dinitrotoluene	10.051	165	133777	42.216	ng	# 85
58) Fluorene	10.416	166	457966	40.957	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	132382	42.014	ng	95
60) Diethylphthalate	10.292	149	510703	42.236	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	244950	42.235	ng	95
62) 4-Nitroaniline	10.439	138	105113	40.284	ng	# 75
63) Azobenzene	10.569	77	497402	41.786	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	79301	41.480	ng	98
66) n-Nitrosodiphenylamine	10.528	169	411125	41.289	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	152218	42.134	ng	95
68) Hexachlorobenzene	10.963	284	165620	41.280	ng	# 92
69) Atrazine	11.057	200	127658	39.868	ng	97
70) Pentachlorophenol	11.163	266	81465	40.677	ng	98
71) Phenanthrene	11.380	178	654397	40.274	ng	99
72) Anthracene	11.427	178	651494	40.509	ng	99
73) Carbazole	11.592	167	588877	39.422	ng	100
74) Di-n-butylphthalate	11.916	149	747393	41.094	ng	99
75) Fluoranthene	12.569	202	683947	40.268	ng	96
77) Benzidine	12.692	184	209393	46.806	ng	98
78) Pyrene	12.798	202	685794	41.074	ng	99
80) Butylbenzylphthalate	13.421	149	292265	41.683	ng	95
81) Benzo(a)anthracene	13.986	228	572331	40.914	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	128935	43.082	ng	97
83) Chrysene	14.027	228	551181	41.329	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	386797	42.432	ng	99
85) Di-n-octyl phthalate	14.592	149	609989	44.430	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	532710	45.978	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	507082	41.283	ng	# 98
89) Benzo(k)fluoranthene	15.063	252	446630	38.653	ng	# 97
90) Benzo(a)pyrene	15.398	252	401492	41.588	ng	# 96
91) Dibenzo(a,h)anthracene	16.939	278	441077	45.896	ng	# 95
92) Benzo(g,h,i)perylene	17.362	276	441067	46.307	ng	# 91

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

