

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
 Data File : BF129023.D
 Acq On : 27 Jun 2022 11:09
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 06/30/2022

Quant Time: Jun 29 16:23:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 16:19:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	95388	20.000	ng	-0.02
21) Naphthalene-d8	7.975	136	356847	20.000	ng	-0.02
39) Acenaphthene-d10	9.728	164	198715	20.000	ng	-0.02
64) Phenanthrene-d10	11.216	188	369386	20.000	ng	#-0.02
76) Chrysene-d12	13.857	240	275608	20.000	ng	-0.02
86) Perylene-d12	15.280	264	216015	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	448574	73.006	ng	-0.02
7) Phenol-d6	6.351	99	552664	76.946	ng	-0.02
23) Nitrobenzene-d5	7.263	82	563000	75.954	ng	-0.02
42) 2,4,6-Tribromophenol	10.522	330	157093	76.145	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	1019004	74.302	ng	-0.02
79) Terphenyl-d14	12.804	244	1118701	75.243	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.352	88	90127	54.039	ng	97
3) Pyridine	3.040	79	244453	37.969	ng	94
4) n-Nitrosodimethylamine	3.016	42	142865	37.124	ng	# 81
6) Aniline	6.357	93	296077	38.128	ng	# 50
8) 2-Chlorophenol	6.481	128	231537	38.391	ng	96
9) Benzaldehyde	6.240	77	133956	34.218	ng	92
10) Phenol	6.363	94	291897	38.480	ng	# 68
11) bis(2-Chloroethyl)ether	6.434	93	214613	38.088	ng	98
12) 1,3-Dichlorobenzene	6.628	146	262018	37.842	ng	99
13) 1,4-Dichlorobenzene	6.704	146	266290	38.186	ng	98
14) 1,2-Dichlorobenzene	6.857	146	251513	39.216	ng	98
15) Benzyl Alcohol	6.845	79	215001	38.164	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.969	45	338467	36.348	ng	# 1
17) 2-Methylphenol	6.969	107	184379	37.842	ng	# 85
18) Hexachloroethane	7.192	117	100135	39.603	ng	90
19) n-Nitroso-di-n-propyla...	7.116	70	169217	38.173	ng	98
20) 3+4-Methylphenols	7.122	107	249958	38.642	ng	# 82
22) Acetophenone	7.110	105	341211	36.231	ng	97
24) Nitrobenzene	7.281	77	259438	37.818	ng	96
25) Isophorone	7.522	82	416774	37.100	ng	98
26) 2-Nitrophenol	7.598	139	121802	37.822	ng	97
27) 2,4-Dimethylphenol	7.645	122	176934	37.256	ng	93
28) bis(2-Chloroethoxy)met...	7.728	93	270309	37.252	ng	98
29) 2,4-Dichlorophenol	7.851	162	199004	37.296	ng	97
30) 1,2,4-Trichlorobenzene	7.916	180	222300	37.715	ng	99
31) Naphthalene	7.992	128	672570	37.526	ng	99
32) Benzoic acid	7.804	122	58144	29.847	ng	92
33) 4-Chloroaniline	8.057	127	235171	34.052	ng	97
34) Hexachlorobutadiene	8.110	225	149778	39.503	ng	98
35) Caprolactam	8.439	113	59080m	40.965	ng	
36) 4-Chloro-3-methylphenol	8.551	107	218629	41.617	ng	93
37) 2-Methylnaphthalene	8.686	142	423077	42.304	ng	99
38) 1-Methylnaphthalene	8.786	142	410623	42.730	ng	99
40) 1,2,4,5-Tetrachloroben...	8.851	216	229419	36.125	ng	98
41) Hexachlorocyclopentadiene	8.834	237	25889	39.968	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	134266	36.876	ng	100

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44) 2,4,5-Trichlorophenol	9.028	196	143097	37.746	ng	95
46) 1,1'-Biphenyl	9.151	154	541877	37.544	ng	99
47) 2-Chloronaphthalene	9.175	162	420139	37.405	ng	97
48) 2-Nitroaniline	9.281	65	153152	38.321	ng	90
49) Acenaphthylene	9.592	152	632417	37.486	ng	98
50) Dimethylphthalate	9.463	163	499548	37.838	ng	99
51) 2,6-Dinitrotoluene	9.528	165	104959	37.956	ng	88
52) Acenaphthene	9.763	154	375797	36.867	ng	97
53) 3-Nitroaniline	9.698	138	117050	38.448	ng	99
54) 2,4-Dinitrophenol	9.816	184	37777	32.801	ng	95
55) Dibenzofuran	9.933	168	590840	37.421	ng	95
56) 4-Nitrophenol	9.892	139	36877	33.770	ng	# 79
57) 2,4-Dinitrotoluene	9.933	165	136864	37.646	ng	# 69
58) Fluorene	10.275	166	467936	37.650	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	111083m	40.213	ng	
60) Diethylphthalate	10.157	149	484858	37.732	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	238126	37.569	ng	96
62) 4-Nitroaniline	10.316	138	108625	37.797	ng	87
63) Azobenzene	10.428	77	495710	37.669	ng	96
65) 4,6-Dinitro-2-methylph...	10.351	198	83604	39.495	ng	88
66) n-Nitrosodiphenylamine	10.392	169	423287	37.280	ng	99
67) 4-Bromophenyl-phenylether	10.757	248	151434	37.359	ng	95
68) Hexachlorobenzene	10.822	284	172658	38.666	ng	99
69) Atrazine	10.922	200	134230	39.419	ng	96
70) Pentachlorophenol	11.033	266	30705	34.681	ng	93
71) Phenanthrene	11.239	178	687912	37.578	ng	99
72) Anthracene	11.292	178	680931	37.288	ng	99
73) Carbazole	11.451	167	650386	37.582	ng	99
74) Di-n-butylphthalate	11.780	149	738975	37.610	ng	99
75) Fluoranthene	12.427	202	740802	39.377	ng	97
77) Benzidine	12.551	184	214520	Below Cal		100
78) Pyrene	12.657	202	744578	37.772	ng	98
80) Butylbenzylphthalate	13.274	149	301419	38.145	ng	99
81) Benzo(a)anthracene	13.845	228	640886	37.463	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	138907	35.827	ng	99
83) Chrysene	13.886	228	614394	37.549	ng	100
84) Bis(2-ethylhexyl)phtha...	13.833	149	384463	37.484	ng	99
85) Di-n-octyl phthalate	14.445	149	597962	37.865	ng	99
87) Indeno(1,2,3-cd)pyrene	16.674	276	473073	37.272	ng	# 93
88) Benzo(b)fluoranthene	14.874	252	533611	40.649	ng	98
89) Benzo(k)fluoranthene	14.904	252	457207m	35.354	ng	
90) Benzo(a)pyrene	15.221	252	407702	38.278	ng	# 97
91) Dibenzo(a,h)anthracene	16.680	278	397238	37.981	ng	# 94
92) Benzo(g,h,i)perylene	17.086	276	389693	37.527	ng	# 93

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

