

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127195.D
 Acq On : 04 Mar 2022 12:12
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:18:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	99709	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	376062	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	193360	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	330738	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	193249	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	160769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	555793	86.153	ng	0.00
7) Phenol-d6	6.516	99	735364	84.476	ng	0.00
23) Nitrobenzene-d5	7.451	82	708766	85.071	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	204502	91.858	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1130282	86.055	ng	0.00
79) Terphenyl-d14	12.998	244	1175270	89.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	107452	36.399	ng	97
3) Pyridine	3.428	79	328726	42.454	ng	95
4) n-Nitrosodimethylamine	3.399	42	148645	39.189	ng	77
6) Aniline	6.545	93	432326	41.916	ng	95
8) 2-Chlorophenol	6.669	128	301644	43.578	ng	94
9) Benzaldehyde	6.434	77	190542	35.959	ng	99
10) Phenol	6.528	94	366894m	41.712	ng	
11) bis(2-Chloroethyl)ether	6.616	93	281193	40.759	ng	99
12) 1,3-Dichlorobenzene	6.822	146	322378	43.175	ng	97
13) 1,4-Dichlorobenzene	6.898	146	329142	43.481	ng	99
14) 1,2-Dichlorobenzene	7.051	146	305891	42.374	ng	98
15) Benzyl Alcohol	7.022	79	285344	38.909	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	381155	35.086	ng	91
17) 2-Methylphenol	7.134	107	261490	43.664	ng	94
18) Hexachloroethane	7.392	117	121987	42.041	ng	# 87
19) n-Nitroso-di-n-propyla...	7.292	70	214326	38.209	ng	98
20) 3+4-Methylphenols	7.287	107	322966	41.530	ng	95
22) Acetophenone	7.292	105	414671	41.880	ng	99
24) Nitrobenzene	7.469	77	334620	42.515	ng	97
25) Isophorone	7.704	82	567768	41.183	ng	# 97
26) 2-Nitrophenol	7.781	139	157892	47.117	ng	# 86
27) 2,4-Dimethylphenol	7.816	122	236665m	42.991	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	352083	42.125	ng	97
29) 2,4-Dichlorophenol	8.022	162	234458	45.300	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	256049	44.251	ng	97
31) Naphthalene	8.187	128	854570	43.531	ng	100
32) Benzoic acid	7.939	122	176743	45.270	ng	87
33) 4-Chloroaniline	8.234	127	337768	43.713	ng	96
34) Hexachlorobutadiene	8.298	225	150997	44.698	ng	98
35) Caprolactam	8.616	113	77563	42.915	ng	# 85
36) 4-Chloro-3-methylphenol	8.716	107	286318	43.286	ng	94
37) 2-Methylnaphthalene	8.875	142	548289	43.043	ng	97
38) 1-Methylnaphthalene	8.975	142	527999	43.285	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	227815	44.758	ng	98
41) Hexachlorocyclopentadiene	9.022	237	95454	34.577	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	162764	43.600	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	170700	43.453	ng	96
46) 1,1'-Biphenyl	9.345	154	650143	42.439	ng	97
47) 2-Chloronaphthalene	9.369	162	486997	42.868	ng	95
48) 2-Nitroaniline	9.469	65	184134	41.074	ng	97
49) Acenaphthylene	9.786	152	787631	42.682	ng	99
50) Dimethylphthalate	9.645	163	581054	42.041	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	121855	43.335	ng	90
52) Acenaphthene	9.957	154	511012m	42.580	ng	
53) 3-Nitroaniline	9.886	138	149655	43.539	ng	87
54) 2,4-Dinitrophenol	9.986	184	62092	41.719	ng	# 89
55) Dibenzofuran	10.128	168	700972	42.477	ng	90
56) 4-Nitrophenol	10.045	139	99363	39.139	ng	# 86
57) 2,4-Dinitrotoluene	10.116	165	161164	42.389	ng	# 98
58) Fluorene	10.475	166	543488	42.280	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	134049	43.042	ng	93
60) Diethylphthalate	10.339	149	585489	40.541	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	259855	42.871	ng	99
62) 4-Nitroaniline	10.498	138	148811	43.842	ng	# 83
63) Azobenzene	10.622	77	619928	38.550	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	90680	46.663	ng	91
66) n-Nitrosodiphenylamine	10.586	169	460750	42.484	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	163691	44.297	ng	96
68) Hexachlorobenzene	11.022	284	176963	44.483	ng	91
69) Atrazine	11.110	200	143314	42.607	ng	97
70) Pentachlorophenol	11.216	266	84504	38.913	ng	98
71) Phenanthrene	11.439	178	791780	42.771	ng	100
72) Anthracene	11.492	178	789496	42.840	ng	100
73) Carbazole	11.651	167	722160	42.730	ng	100
74) Di-n-butylphthalate	11.969	149	872444	40.156	ng	99
75) Fluoranthene	12.633	202	761507	43.323	ng	94
77) Benzidine	12.751	184	223464	42.551	ng	97
78) Pyrene	12.863	202	752736	44.835	ng	99
80) Butylbenzylphthalate	13.474	149	336493	42.336	ng	# 84
81) Benzo(a)anthracene	14.051	228	580590	44.564	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	177379	43.202	ng	# 96
83) Chrysene	14.086	228	538788	43.978	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	424114	40.643	ng	# 98
85) Di-n-octyl phthalate	14.639	149	608393	40.493	ng	95
87) Indeno(1,2,3-cd)pyrene	17.057	276	507917	48.181	ng	# 86
88) Benzo(b)fluoranthene	15.110	252	443421	41.066	ng	# 94
89) Benzo(k)fluoranthene	15.139	252	465417	44.688	ng	# 95
90) Benzo(a)pyrene	15.486	252	374715	44.428	ng	# 94
91) Dibenzo(a,h)anthracene	17.074	278	413378	47.413	ng	# 92
92) Benzo(g,h,i)perylene	17.521	276	406064	47.242	ng	# 86

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

