

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127295.D
 Acq On : 11 Mar 2022 10:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Quant Time: Mar 11 12:37:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	96730	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	323873	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	190162	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	325696	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	264991	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	208037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	434170	72.155	ng	0.00
7) Phenol-d6	6.504	99	629740	76.078	ng	0.00
23) Nitrobenzene-d5	7.439	82	611335	77.953	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	162744	79.501	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1057631	78.631	ng	0.00
79) Terphenyl-d14	12.992	244	1176636	76.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	129448	41.490	ng	# 84
3) Pyridine	3.410	79	337815	40.689	ng	# 77
4) n-Nitrosodimethylamine	3.393	42	187009	40.654	ng	# 65
6) Aniline	6.539	93	391232	39.549	ng	96
8) 2-Chlorophenol	6.657	128	231405	37.174	ng	90
9) Benzaldehyde	6.428	77	181393	42.483	ng	93
10) Phenol	6.522	94	352332	38.748	ng	78
11) bis(2-Chloroethyl)ether	6.610	93	257566	38.143	ng	93
12) 1,3-Dichlorobenzene	6.810	146	278542	39.863	ng	98
13) 1,4-Dichlorobenzene	6.886	146	270794	38.631	ng	99
14) 1,2-Dichlorobenzene	7.039	146	246078	37.299	ng	99
15) Benzyl Alcohol	7.016	79	246755	39.772	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	478871	37.789	ng	98
17) 2-Methylphenol	7.122	107	201464	38.070	ng	# 92
18) Hexachloroethane	7.381	117	99780	37.055	ng	# 79
19) n-Nitroso-di-n-propyla...	7.286	70	193497	37.460	ng	90
20) 3+4-Methylphenols	7.281	107	246318	35.891	ng	90
22) Acetophenone	7.286	105	333271	37.583	ng	# 92
24) Nitrobenzene	7.457	77	291541	39.305	ng	91
25) Isophorone	7.692	82	515284	40.862	ng	97
26) 2-Nitrophenol	7.775	139	124180	40.427	ng	# 81
27) 2,4-Dimethylphenol	7.804	122	191950m	41.627	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	328447	41.107	ng	99
29) 2,4-Dichlorophenol	8.016	162	214808	40.677	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	243277	40.409	ng	99
31) Naphthalene	8.175	128	681620	39.453	ng	99
32) Benzoic acid	7.945	122	117100	38.117	ng	86
33) 4-Chloroaniline	8.228	127	271238	40.503	ng	# 92
34) Hexachlorobutadiene	8.286	225	162557	40.491	ng	98
35) Caprolactam	8.610	113	63123	40.012	ng	# 68
36) 4-Chloro-3-methylphenol	8.710	107	234302	40.936	ng	96
37) 2-Methylnaphthalene	8.869	142	453503	40.173	ng	98
38) 1-Methylnaphthalene	8.969	142	429128	39.541	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	238866	39.679	ng	# 94
41) Hexachlorocyclopentadiene	9.016	237	93573	40.427	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	154975	40.789	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	171230	42.463	ng	# 90
46) 1,1'-Biphenyl	9.333	154	560506	39.053	ng	97
47) 2-Chloronaphthalene	9.363	162	435765	39.004	ng	99
48) 2-Nitroaniline	9.463	65	171861	39.981	ng	91
49) Acenaphthylene	9.775	152	666357	38.974	ng	98
50) Dimethylphthalate	9.639	163	522454	38.341	ng	# 99
51) 2,6-Dinitrotoluene	9.704	165	107228	38.902	ng	# 90
52) Acenaphthene	9.951	154	392614	38.524	ng	98
53) 3-Nitroaniline	9.875	138	121914	40.588	ng	93
54) 2,4-Dinitrophenol	9.986	184	55149	38.406	ng	89
55) Dibenzofuran	10.122	168	611952	38.650	ng	98
56) 4-Nitrophenol	10.039	139	74383	40.742	ng	# 66
57) 2,4-Dinitrotoluene	10.110	165	146528	40.404	ng	# 91
58) Fluorene	10.463	166	470296	38.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	137513	41.036	ng	# 79
60) Diethylphthalate	10.333	149	489913	39.416	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	257488	38.700	ng	92
62) 4-Nitroaniline	10.498	138	115962	38.742	ng	# 79
63) Azobenzene	10.616	77	563045	39.408	ng	88
65) 4,6-Dinitro-2-methylph...	10.522	198	88438	44.040	ng	88
66) n-Nitrosodiphenylamine	10.574	169	409515	40.485	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	160002	40.753	ng	94
68) Hexachlorobenzene	11.010	284	170943	39.951	ng	# 91
69) Atrazine	11.104	200	152366	43.652	ng	94
70) Pentachlorophenol	11.210	266	77888	45.085	ng	98
71) Phenanthrene	11.433	178	660927	38.441	ng	100
72) Anthracene	11.486	178	658064	38.648	ng	98
73) Carbazole	11.639	167	614568	38.328	ng	98
74) Di-n-butylphthalate	11.957	149	781257	41.657	ng	99
75) Fluoranthene	12.621	202	773064	40.214	ng	92
77) Benzidine	12.745	184	265090	39.338	ng	98
78) Pyrene	12.851	202	845384	40.958	ng	99
80) Butylbenzylphthalate	13.463	149	319182	40.181	ng	# 92
81) Benzo(a)anthracene	14.045	228	709888	39.786	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	222334	40.077	ng	# 96
83) Chrysene	14.080	228	655327	39.488	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	425464	39.789	ng	# 97
85) Di-n-octyl phthalate	14.633	149	668826	41.325	ng	96
87) Indeno(1,2,3-cd)pyrene	17.051	276	469127	37.433	ng	# 83
88) Benzo(b)fluoranthene	15.104	252	544447	39.870	ng	# 92
89) Benzo(k)fluoranthene	15.133	252	555633	43.274	ng	# 94
90) Benzo(a)pyrene	15.480	252	431870	40.162	ng	# 91
91) Dibenzo(a,h)anthracene	17.062	278	393021	37.679	ng	# 90
92) Benzo(g,h,i)perylene	17.509	276	373334	36.693	ng	# 84

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

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