

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127226.D
 Acq On : 07 Mar 2022 17:45
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 00:03:11 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	88810	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	328955	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	173191	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	309198	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	211092	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	178774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	486668	84.696	ng	0.00
7) Phenol-d6	6.516	99	643666	83.016	ng	0.00
23) Nitrobenzene-d5	7.451	82	597660	82.007	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	202715	101.659	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1029119	87.477	ng	0.00
79) Terphenyl-d14	13.004	244	1227376	85.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	111938	42.572	ng	98
3) Pyridine	3.404	79	283912	41.167	ng	93
4) n-Nitrosodimethylamine	3.375	42	137859	40.806	ng	# 73
6) Aniline	6.545	93	373542	40.661	ng	96
8) 2-Chlorophenol	6.669	128	264948	42.974	ng	96
9) Benzaldehyde	6.434	77	214334	45.413	ng	98
10) Phenol	6.528	94	319924m	40.836	ng	
11) bis(2-Chloroethyl)ether	6.616	93	252866	41.151	ng	98
12) 1,3-Dichlorobenzene	6.822	146	284806	42.824	ng	99
13) 1,4-Dichlorobenzene	6.898	146	287632	42.660	ng	97
14) 1,2-Dichlorobenzene	7.051	146	274547	42.700	ng	99
15) Benzyl Alcohol	7.022	79	256455	39.262	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	332087	34.321	ng	88
17) 2-Methylphenol	7.134	107	221077	41.446	ng	# 94
18) Hexachloroethane	7.392	117	106419	41.177	ng	# 89
19) n-Nitroso-di-n-propyla...	7.292	70	185947	37.218	ng	99
20) 3+4-Methylphenols	7.287	107	268542	38.770	ng	97
22) Acetophenone	7.292	105	354907	40.977	ng	# 98
24) Nitrobenzene	7.469	77	284128	41.270	ng	98
25) Isophorone	7.704	82	483045	40.055	ng	# 98
26) 2-Nitrophenol	7.781	139	133930	45.690	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	203760m	42.314	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	301110	41.185	ng	98
29) 2,4-Dichlorophenol	8.022	162	202208	44.664	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	225507	44.553	ng	98
31) Naphthalene	8.187	128	730165	42.521	ng	99
32) Benzoic acid	7.945	122	132974	38.937	ng	83
33) 4-Chloroaniline	8.239	127	296373	43.849	ng	99
34) Hexachlorobutadiene	8.298	225	142908	48.362	ng	97
35) Caprolactam	8.622	113	70670m	44.700	ng	
36) 4-Chloro-3-methylphenol	8.722	107	251512	43.469	ng	99
37) 2-Methylnaphthalene	8.875	142	476098	42.728	ng	97
38) 1-Methylnaphthalene	8.975	142	461994	43.298	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	206944	45.392	ng	96
41) Hexachlorocyclopentadiene	9.022	237	89510	36.200	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	148412	44.385	ng	97

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44) 2,4,5-Trichlorophenol	9.198	196	153941	43.750	ng	96
46) 1,1'-Biphenyl	9.345	154	593990	43.289	ng	97
47) 2-Chloronaphthalene	9.369	162	438302	43.075	ng	95
48) 2-Nitroaniline	9.469	65	163881	40.813	ng	98
49) Acenaphthylene	9.786	152	696544	42.142	ng	98
50) Dimethylphthalate	9.645	163	527113	42.580	ng	99
51) 2,6-Dinitrotoluene	9.710	165	113830	45.195	ng	# 85
52) Acenaphthene	9.957	154	499110m	46.432	ng	
53) 3-Nitroaniline	9.886	138	134601	43.719	ng	89
54) 2,4-Dinitrophenol	9.992	184	62015	46.519	ng	# 83
55) Dibenzofuran	10.133	168	678178	45.881	ng	93
56) 4-Nitrophenol	10.045	139	96922	42.624	ng	# 79
57) 2,4-Dinitrotoluene	10.116	165	165426	48.577	ng	# 97
58) Fluorene	10.475	166	535900	46.545	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	132690	47.567	ng	# 92
60) Diethylphthalate	10.345	149	597223	46.170	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	257100	47.356	ng	97
62) 4-Nitroaniline	10.504	138	146687	48.249	ng	# 80
63) Azobenzene	10.628	77	617817	42.892	ng	93
65) 4,6-Dinitro-2-methylph...	10.528	198	93133	51.264	ng	93
66) n-Nitrosodiphenylamine	10.586	169	467226	46.083	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	164944	47.745	ng	98
68) Hexachlorobenzene	11.022	284	179677	48.312	ng	95
69) Atrazine	11.110	200	146711	46.655	ng	96
70) Pentachlorophenol	11.222	266	79754	39.284	ng	98
71) Phenanthrene	11.439	178	756611	43.719	ng	99
72) Anthracene	11.492	178	747212	43.370	ng	100
73) Carbazole	11.651	167	690316	43.692	ng	99
74) Di-n-butylphthalate	11.969	149	889063	43.771	ng	98
75) Fluoranthene	12.633	202	743957	45.274	ng	94
77) Benzidine	12.757	184	258825	45.118	ng	97
78) Pyrene	12.863	202	747003	40.732	ng	100
80) Butylbenzylphthalate	13.474	149	360074	41.473	ng	87
81) Benzo(a)anthracene	14.051	228	623589	43.819	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	202174	45.079	ng	# 96
83) Chrysene	14.092	228	577075	43.122	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	473121	41.507	ng	# 97
85) Di-n-octyl phthalate	14.645	149	699338	42.612	ng	95
87) Indeno(1,2,3-cd)pyrene	17.068	276	511173	43.606	ng	# 86
88) Benzo(b)fluoranthene	15.115	252	520310	43.333	ng	# 94
89) Benzo(k)fluoranthene	15.145	252	520146	44.913	ng	# 94
90) Benzo(a)pyrene	15.492	252	414319	44.176	ng	# 93
91) Dibenzo(a,h)anthracene	17.080	278	418788	43.196	ng	# 91
92) Benzo(g,h,i)perylene	17.527	276	411267	43.029	ng	# 85

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

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