

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127904.D
 Acq On : 26 Apr 2022 09:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:45:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	171497	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	657248	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	369921	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	631690	20.000	ng	0.00
76) Chrysene-d12	14.133	240	397840	20.000	ng	0.00
86) Perylene-d12	15.645	264	332330	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	833350	77.398	ng	0.00
7) Phenol-d6	6.575	99	1121904	80.302	ng	0.00
23) Nitrobenzene-d5	7.516	82	1119017	80.062	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	303664	81.545	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1736934	79.434	ng	0.00
79) Terphenyl-d14	13.069	244	1737231	79.847	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	197923	38.527	ng	98
3) Pyridine	3.575	79	532830	40.480	ng	99
4) n-Nitrosodimethylamine	3.551	42	256805	40.306	ng	99
6) Aniline	6.616	93	689935	41.564	ng	100
8) 2-Chlorophenol	6.734	128	445926	39.903	ng	100
9) Benzaldehyde	6.498	77	311536	36.045	ng	95
10) Phenol	6.587	94	567531m	40.276	ng	
11) bis(2-Chloroethyl)ether	6.681	93	474277	40.575	ng	97
12) 1,3-Dichlorobenzene	6.887	146	499376	38.821	ng	96
13) 1,4-Dichlorobenzene	6.963	146	499876	38.931	ng	98
14) 1,2-Dichlorobenzene	7.116	146	456226	38.382	ng	97
15) Benzyl Alcohol	7.092	79	401430	42.252	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.216	45	740503	41.450	ng	99
17) 2-Methylphenol	7.198	107	422392	43.807	ng	98
18) Hexachloroethane	7.457	117	191534	40.576	ng	96
19) n-Nitroso-di-n-propyla...	7.363	70	350976	41.039	ng	98
20) 3+4-Methylphenols	7.351	107	468822	40.250	ng	95
22) Acetophenone	7.357	105	615144	38.400	ng	94
24) Nitrobenzene	7.534	77	529946	39.348	ng	98
25) Isophorone	7.769	82	954684	40.583	ng	99
26) 2-Nitrophenol	7.845	139	250252	43.604	ng	97
27) 2,4-Dimethylphenol	7.875	122	384432	40.328	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	611192	40.541	ng	99
29) 2,4-Dichlorophenol	8.086	162	400343	40.088	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	442943	39.046	ng	99
31) Naphthalene	8.251	128	1287386	38.458	ng	100
32) Benzoic acid	8.004	122	219774m	32.165	ng	
33) 4-Chloroaniline	8.298	127	535073	40.399	ng	97
34) Hexachlorobutadiene	8.363	225	286849	40.145	ng	98
35) Caprolactam	8.686	113	127004	39.398	ng	94
36) 4-Chloro-3-methylphenol	8.781	107	434490	40.737	ng	98
37) 2-Methylnaphthalene	8.945	142	867953	39.233	ng	99
38) 1-Methylnaphthalene	9.045	142	829443	38.573	ng	100
40) 1,2,4,5-Tetrachloroben...	9.110	216	423510	38.842	ng	99
41) Hexachlorocyclopentadiene	9.092	237	250458	42.397	ng	98
43) 2,4,6-Trichlorophenol	9.222	196	290536	40.496	ng	100

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44) 2,4,5-Trichlorophenol	9.263	196	305991	39.234	ng	97
46) 1,1'-Biphenyl	9.410	154	1056643	38.561	ng	100
47) 2-Chloronaphthalene	9.439	162	804695	38.576	ng	100
48) 2-Nitroaniline	9.533	65	294677	41.761	ng	97
49) Acenaphthylene	9.857	152	1231518	38.595	ng	99
50) Dimethylphthalate	9.710	163	975045	39.302	ng	100
51) 2,6-Dinitrotoluene	9.775	165	216320	40.272	ng	99
52) Acenaphthene	10.028	154	846388m	39.454	ng	
53) 3-Nitroaniline	9.945	138	234872	39.377	ng	98
54) 2,4-Dinitrophenol	10.051	184	139503	49.315	ng	# 84
55) Dibenzofuran	10.198	168	1179856	38.120	ng	99
56) 4-Nitrophenol	10.104	139	172184	37.804	ng	97
57) 2,4-Dinitrotoluene	10.180	165	280356	39.404	ng	# 89
58) Fluorene	10.545	166	871237	37.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	260338	39.695	ng	99
60) Diethylphthalate	10.410	149	935145	38.440	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	447548	38.996	ng	97
62) 4-Nitroaniline	10.563	138	225464	38.664	ng	99
63) Azobenzene	10.692	77	1039061	38.816	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	172264	45.895	ng	96
66) n-Nitrosodiphenylamine	10.651	169	782972	39.835	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	285238	40.733	ng	98
68) Hexachlorobenzene	11.092	284	300006	40.663	ng	# 92
69) Atrazine	11.175	200	237772	39.121	ng	98
70) Pentachlorophenol	11.286	266	178320	41.083	ng	97
71) Phenanthrene	11.510	178	1267883	38.344	ng	99
72) Anthracene	11.563	178	1265813	38.429	ng	99
73) Carbazole	11.716	167	1187875	37.418	ng	100
74) Di-n-butylphthalate	12.033	149	1420742	39.800	ng	99
75) Fluoranthene	12.704	202	1294691	37.203	ng	97
77) Benzidine	12.821	184	332177	44.127	ng	99
78) Pyrene	12.933	202	1292909	40.258	ng	100
80) Butylbenzylphthalate	13.539	149	549104	43.622	ng	99
81) Benzo(a)anthracene	14.121	228	1039278	39.193	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	314448	37.347	ng	100
83) Chrysene	14.163	228	973133	38.426	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	726237	43.505	ng	98
85) Di-n-octyl phthalate	14.715	149	1109761	42.899	ng	100
87) Indeno(1,2,3-cd)pyrene	17.204	276	890685	40.153	ng	99
88) Benzo(b)fluoranthene	15.198	252	814711	39.031	ng	99
89) Benzo(k)fluoranthene	15.227	252	825309	39.246	ng	98
90) Benzo(a)pyrene	15.586	252	685724	39.605	ng	97
91) Dibenzo(a,h)anthracene	17.227	278	720801	40.517	ng	98
92) Benzo(g,h,i)perylene	17.686	276	742317	39.594	ng	99

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

