

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127840.D
 Acq On : 19 Apr 2022 14:04
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022
 Supervised By : Jagrut Upadhyay 04/20/2022

Quant Time: Apr 19 15:07:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 15:01:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	122359	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	526864	20.000	ng	# 0.00
39) Acenaphthene-d10	9.992	164	357433	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	456361	20.000	ng	0.00
76) Chrysene-d12	14.133	240	277039	20.000	ng	0.00
86) Perylene-d12	15.645	264	374736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	646003	85.788	ng	0.00
7) Phenol-d6	6.581	99	880173	89.347	ng	0.00
23) Nitrobenzene-d5	7.522	82	983493	83.220	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	345278	90.776	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	2196097	86.918	ng	0.00
79) Terphenyl-d14	13.074	244	1595151	95.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	154969	43.388	ng	87
3) Pyridine	3.575	79	461865	49.096	ng	86
4) n-Nitrosodimethylamine	3.563	42	245502	48.526	ng	# 94
6) Aniline	6.622	93	516247	43.939	ng	97
8) 2-Chlorophenol	6.740	128	352436	46.139	ng	94
9) Benzaldehyde	6.504	77	248936	44.715	ng	98
10) Phenol	6.593	94	443127	44.986	ng	90
11) bis(2-Chloroethyl)ether	6.687	93	358049	44.015	ng	93
12) 1,3-Dichlorobenzene	6.893	146	408168	46.764	ng	97
13) 1,4-Dichlorobenzene	6.963	146	414215	46.947	ng	95
14) 1,2-Dichlorobenzene	7.122	146	395964	46.950	ng	97
15) Benzyl Alcohol	7.093	79	399887	46.433	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.216	45	543604	42.335	ng	95
17) 2-Methylphenol	7.198	107	307075	46.215	ng	94
18) Hexachloroethane	7.457	117	166438	49.436	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	302837	47.530	ng	98
20) 3+4-Methylphenols	7.357	107	393773	46.505	ng	# 84
22) Acetophenone	7.363	105	544054	38.428	ng	# 86
24) Nitrobenzene	7.540	77	464021	40.504	ng	98
25) Isophorone	7.775	82	813310	39.440	ng	99
26) 2-Nitrophenol	7.845	139	202289	49.135	ng	# 93
27) 2,4-Dimethylphenol	7.881	122	310698	38.545	ng	90
28) bis(2-Chloroethoxy)met...	7.981	93	503807	39.622	ng	99
29) 2,4-Dichlorophenol	8.087	162	415288	47.826	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	478049	47.836	ng	97
31) Naphthalene	8.257	128	1286994	46.617	ng	99
32) Benzoic acid	8.022	122	267000	45.656	ng	91
33) 4-Chloroaniline	8.304	127	499740	45.962	ng	99
34) Hexachlorobutadiene	8.363	225	343895	50.026	ng	99
35) Caprolactam	8.698	113	137849m	53.713	ng	
36) 4-Chloro-3-methylphenol	8.787	107	500862	55.018	ng	100
37) 2-Methylnaphthalene	8.945	142	991084	53.674	ng	99
38) 1-Methylnaphthalene	9.045	142	948216	53.203	ng	99
40) 1,2,4,5-Tetrachloroben...	9.110	216	542104	46.241	ng	98
41) Hexachlorocyclopentadiene	9.092	237	357497	50.623	ng	98
43) 2,4,6-Trichlorophenol	9.222	196	380967	47.865	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	390256	48.592	ng	97
46) 1,1'-Biphenyl	9.416	154	1237980	45.288	ng	98
47) 2-Chloronaphthalene	9.439	162	988460	45.502	ng	98
48) 2-Nitroaniline	9.534	65	354446	52.535	ng	98
49) Acenaphthylene	9.857	152	1475346	44.650	ng	99
50) Dimethylphthalate	9.716	163	1217884	47.007	ng	98
51) 2,6-Dinitrotoluene	9.781	165	248773	50.940	ng	93
52) Acenaphthene	10.028	154	977164m	46.940	ng	
53) 3-Nitroaniline	9.951	138	262090	50.800	ng	98
54) 2,4-Dinitrophenol	10.051	184	161372	76.174	ng	91
55) Dibenzofuran	10.204	168	1359573	44.755	ng	97
56) 4-Nitrophenol	10.104	139	201031	49.608	ng	87
57) 2,4-Dinitrotoluene	10.186	165	325000	53.677	ng	# 83
58) Fluorene	10.545	166	908420	40.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	338934	48.431	ng	99
60) Diethylphthalate	10.416	149	1130771	45.609	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	499084	40.468	ng	96
62) 4-Nitroaniline	10.575	138	186089	38.297	ng	# 83
63) Azobenzene	10.698	77	1055082	38.084	ng	97
65) 4,6-Dinitro-2-methylph...	10.592	198	154051	69.889	ng	96
66) n-Nitrosodiphenylamine	10.657	169	699731	48.684	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	303504	54.798	ng	94
68) Hexachlorobenzene	11.092	284	299429	49.456	ng	98
69) Atrazine	11.180	200	213487	44.706	ng	96
70) Pentachlorophenol	11.280	266	180506	49.918	ng	98
71) Phenanthrene	11.510	178	1151194	47.610	ng	99
72) Anthracene	11.563	178	1150828	48.116	ng	99
73) Carbazole	11.716	167	1174422	52.403	ng	99
74) Di-n-butylphthalate	12.039	149	1404129	52.410	ng	99
75) Fluoranthene	12.704	202	1345515	50.995	ng	99
77) Benzidine	12.822	184	299893	41.474	ng	99
78) Pyrene	12.933	202	1045469	44.690	ng	99
80) Butylbenzylphthalate	13.545	149	401916	46.142	ng	91
81) Benzo(a)anthracene	14.121	228	896616	48.457	ng	98
82) 3,3'-Dichlorobenzidine	14.086	252	276435	47.922	ng	# 96
83) Chrysene	14.163	228	847875	47.737	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	578305	47.102	ng	97
85) Di-n-octyl phthalate	14.716	149	1099920	61.270	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.209	276	1244735	53.164	ng	99
88) Benzo(b)fluoranthene	15.198	252	1146031	47.540	ng	99
89) Benzo(k)fluoranthene	15.233	252	1011820	42.319	ng	98
90) Benzo(a)pyrene	15.586	252	927889	47.356	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	998523	52.637	ng	97
92) Benzo(g,h,i)perylene	17.692	276	1032616	53.096	ng	98

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

