

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131147.D
 Acq On : 11 Nov 2022 10:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : Jagrut Upadhyay 11/15/2022

Quant Time: Nov 11 14:40:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	62733	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	204509	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	113061	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	207121	20.000	ng	0.00
76) Chrysene-d12	14.074	240	118637	20.000	ng	0.00
86) Perylene-d12	15.562	264	93240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	276614	74.987	ng	0.00
7) Phenol-d6	6.516	99	376273	78.021	ng	0.00
23) Nitrobenzene-d5	7.457	82	372489	82.179	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	95623	81.837	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	666288	82.267	ng	0.00
79) Terphenyl-d14	13.010	244	652620	96.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	79629	43.855	ng	96
3) Pyridine	3.428	79	240109	48.160	ng	99
4) n-Nitrosodimethylamine	3.398	42	135373	47.069	ng	96
6) Aniline	6.551	93	226989	38.341	ng	97
8) 2-Chlorophenol	6.675	128	150315	35.420	ng	98
9) Benzaldehyde	6.439	77	112399	35.816	ng	97
10) Phenol	6.534	94	217045	38.499	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	157825	39.129	ng	97
12) 1,3-Dichlorobenzene	6.828	146	181320	38.421	ng	98
13) 1,4-Dichlorobenzene	6.904	146	205075	42.779	ng	97
14) 1,2-Dichlorobenzene	7.057	146	160941	36.244	ng	97
15) Benzyl Alcohol	7.028	79	147431	39.970	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	255510	37.781	ng	99
17) 2-Methylphenol	7.139	107	130330	36.719	ng	97
18) Hexachloroethane	7.398	117	68911	38.551	ng	91
19) n-Nitroso-di-n-propyla...	7.304	70	120320	37.998	ng	99
20) 3+4-Methylphenols	7.292	107	167158	37.694	ng	# 88
22) Acetophenone	7.298	105	222946	43.562	ng	# 85
24) Nitrobenzene	7.475	77	185934	42.347	ng	99
25) Isophorone	7.710	82	310537	44.309	ng	99
26) 2-Nitrophenol	7.786	139	83011	42.608	ng	# 84
27) 2,4-Dimethylphenol	7.822	122	126201m	42.240	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	173154	43.596	ng	96
29) 2,4-Dichlorophenol	8.028	162	136886	42.855	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	142761	41.447	ng	98
31) Naphthalene	8.192	128	443173	39.660	ng	99
32) Benzoic acid	7.951	122	75273m	37.352	ng	
33) 4-Chloroaniline	8.245	127	177308	39.571	ng	98
34) Hexachlorobutadiene	8.304	225	103273	43.879	ng	98
35) Caprolactam	8.627	113	38357	39.172	ng	90
36) 4-Chloro-3-methylphenol	8.727	107	142496	40.313	ng	99
37) 2-Methylnaphthalene	8.886	142	297956	41.364	ng	99
38) 1-Methylnaphthalene	8.986	142	288238	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	152947	41.427	ng	99
41) Hexachlorocyclopentadiene	9.033	237	49076	34.068	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	100987	41.680	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	112395	41.462	ng	95
46) 1,1'-Biphenyl	9.351	154	349672	40.001	ng	98
47) 2-Chloronaphthalene	9.374	162	282662	39.847	ng	98
48) 2-Nitroaniline	9.475	65	114131	44.207	ng	98
49) Acenaphthylene	9.792	152	438850	40.487	ng	99
50) Dimethylphthalate	9.651	163	332820	41.383	ng	100
51) 2,6-Dinitrotoluene	9.716	165	75373	42.645	ng	94
52) Acenaphthene	9.969	154	247770	38.321	ng	99
53) 3-Nitroaniline	9.892	138	79719	39.451	ng	92
54) 2,4-Dinitrophenol	9.998	184	35504	38.271	ng	# 86
55) Dibenzofuran	10.139	168	451570	47.160	ng	99
56) 4-Nitrophenol	10.051	139	49930	37.125	ng	97
57) 2,4-Dinitrotoluene	10.122	165	115562	49.186	ng	92
58) Fluorene	10.480	166	322230	41.434	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	96528	46.309	ng	99
60) Diethylphthalate	10.351	149	340030	43.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	149897	41.417	ng	90
62) 4-Nitroaniline	10.510	138	81201	39.764	ng	91
63) Azobenzene	10.633	77	345314	42.594	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	55966	42.027	ng	# 75
66) n-Nitrosodiphenylamine	10.592	169	279797	40.183	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	93924	40.103	ng	99
68) Hexachlorobenzene	11.027	284	104157	39.905	ng	99
69) Atrazine	11.121	200	88649	41.127	ng	100
70) Pentachlorophenol	11.227	266	38927m	32.754	ng	
71) Phenanthrene	11.451	178	462756	40.623	ng	99
72) Anthracene	11.498	178	447621	40.487	ng	99
73) Carbazole	11.657	167	397669	40.447	ng	99
74) Di-n-butylphthalate	11.980	149	481277	43.401	ng	99
75) Fluoranthene	12.639	202	476487	41.787	ng	99
77) Benzidine	12.763	184	140328	40.094	ng	100
78) Pyrene	12.874	202	475046	46.671	ng	99
80) Butylbenzylphthalate	13.480	149	165588	45.439	ng	90
81) Benzo(a)anthracene	14.062	228	342610	40.403	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97186	40.155	ng	98
83) Chrysene	14.098	228	313151	39.103	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	176091	44.763	ng	99
85) Di-n-octyl phthalate	14.657	149	249542	50.022	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	284322	38.132	ng	99
88) Benzo(b)fluoranthene	15.127	252	243890	36.997	ng	99
89) Benzo(k)fluoranthene	15.156	252	242772	38.316	ng	99
90) Benzo(a)pyrene	15.504	252	203503	38.506	ng	96
91) Dibenzo(a,h)anthracene	17.098	278	234407	38.724	ng	98
92) Benzo(g,h,i)perylene	17.545	276	240619	37.724	ng	98

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

