

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127005.D
 Acq On : 22 Feb 2022 13:21
 Operator : CG\JU
 Sample : PB142770BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142770BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 23:57:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	86664	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	362870	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	195460	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	357637	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	261092	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	189946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	623572	111.208	ng	0.00
7) Phenol-d6	6.546	99	829988	109.698	ng	0.00
23) Nitrobenzene-d5	7.487	82	583732	72.610	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	273560	121.558	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	968046	72.911	ng	0.00
79) Terphenyl-d14	13.033	244	1243897	70.036	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	80237	31.271	ng	97
3) Pyridine	3.563	79	177875	26.430	ng	89
4) n-Nitrosodimethylamine	3.528	42	132848	40.296	ng	# 68
6) Aniline	6.581	93	268199	29.917	ng	93
8) 2-Chlorophenol	6.704	128	255329	42.439	ng	96
9) Benzaldehyde	6.469	77	142897	31.027	ng	97
10) Phenol	6.557	94	321375	42.037	ng	84
11) bis(2-Chloroethyl)ether	6.651	93	236321	39.411	ng	96
12) 1,3-Dichlorobenzene	6.857	146	259214	39.941	ng	96
13) 1,4-Dichlorobenzene	6.934	146	262272	39.862	ng	97
14) 1,2-Dichlorobenzene	7.087	146	253669	40.429	ng	99
15) Benzyl Alcohol	7.057	79	254584	39.940	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.187	45	351378	37.214	ng	95
17) 2-Methylphenol	7.163	107	216013	41.499	ng	# 93
18) Hexachloroethane	7.428	117	102957	40.824	ng	94
19) n-Nitroso-di-n-propyla...	7.328	70	195365	40.072	ng	97
20) 3+4-Methylphenols	7.316	107	282824	41.843	ng	# 83
22) Acetophenone	7.328	105	381446	39.925	ng	95
24) Nitrobenzene	7.504	77	303165	39.919	ng	99
25) Isophorone	7.740	82	525288	39.487	ng	# 98
26) 2-Nitrophenol	7.816	139	132718	41.045	ng	# 76
27) 2,4-Dimethylphenol	7.845	122	233797	44.014	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	302242	37.476	ng	98
29) 2,4-Dichlorophenol	8.057	162	203661	40.781	ng	98
30) 1,2,4-Trichlorobenzene	8.140	180	212720	38.099	ng	95
31) Naphthalene	8.222	128	748881	39.535	ng	99
32) Benzoic acid	7.969	122	153451	40.733	ng	88
33) 4-Chloroaniline	8.269	127	130904	17.557	ng	98
34) Hexachlorobutadiene	8.334	225	126524	38.815	ng	98
35) Caprolactam	8.645	113	72993m	41.854	ng	
36) 4-Chloro-3-methylphenol	8.751	107	270658	42.406	ng	98
37) 2-Methylnaphthalene	8.916	142	514179	41.832	ng	97
38) 1-Methylnaphthalene	9.016	142	469768	39.912	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	207426	40.314	ng	99
41) Hexachlorocyclopentadiene	9.063	237	250508	89.770	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	148504	39.352	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127005.D
 Acq On : 22 Feb 2022 13:21
 Operator : CG\JU
 Sample : PB142770BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142770BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 23:57:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	157485	39.658	ng	94
46) 1,1'-Biphenyl	9.381	154	616173	39.789	ng	97
47) 2-Chloronaphthalene	9.404	162	440547	38.363	ng	94
48) 2-Nitroaniline	9.504	65	181207	39.987	ng	97
49) Acenaphthylene	9.822	152	744401	39.906	ng	98
50) Dimethylphthalate	9.681	163	548472	39.257	ng	99
51) 2,6-Dinitrotoluene	9.745	165	119694	42.109	ng	91
52) Acenaphthene	9.992	154	542745m	44.738	ng	
53) 3-Nitroaniline	9.910	138	84728	24.385	ng	98
54) 2,4-Dinitrophenol	10.022	184	138629	92.142	ng	# 87
55) Dibenzofuran	10.169	168	644481	38.634	ng	90
56) 4-Nitrophenol	10.075	139	215878	84.121	ng	# 74
57) 2,4-Dinitrotoluene	10.151	165	167387	43.553	ng	# 94
58) Fluorene	10.510	166	523206	40.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	130867m	41.569	ng	
60) Diethylphthalate	10.381	149	588774	40.331	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	242912	39.645	ng	92
62) 4-Nitroaniline	10.533	138	137897	40.190	ng	# 76
63) Azobenzene	10.663	77	617973	38.015	ng	94
65) 4,6-Dinitro-2-methylph...	10.557	198	82842	39.423	ng	96
66) n-Nitrosodiphenylamine	10.622	169	457512	39.013	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	156276	39.109	ng	96
68) Hexachlorobenzene	11.057	284	177542	41.272	ng	91
69) Atrazine	11.145	200	155904	42.864	ng	98
70) Pentachlorophenol	11.251	266	202664	86.305	ng	99
71) Phenanthrene	11.475	178	807065	40.318	ng	99
72) Anthracene	11.528	178	826737	41.486	ng	99
73) Carbazole	11.680	167	716294	39.196	ng	98
74) Di-n-butylphthalate	12.004	149	931333	39.642	ng	99
75) Fluoranthene	12.669	202	814649	42.861	ng	93
77) Benzidine	12.786	184	270715	38.154	ng	98
78) Pyrene	12.898	202	820320	36.164	ng	99
80) Butylbenzylphthalate	13.510	149	395126	36.795	ng	88
81) Benzo(a)anthracene	14.086	228	688635	39.123	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	135382	24.405	ng	# 95
83) Chrysene	14.121	228	659469	39.842	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	544192	38.599	ng	# 97
85) Di-n-octyl phthalate	14.674	149	839888	41.376	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	486400	39.053	ng	# 85
88) Benzo(b)fluoranthene	15.151	252	566652	44.417	ng	# 93
89) Benzo(k)fluoranthene	15.180	252	552099	44.868	ng	# 94
90) Benzo(a)pyrene	15.527	252	500298	50.206	ng	# 93
91) Dibenzo(a,h)anthracene	17.139	278	413575	40.149	ng	# 90
92) Benzo(g,h,i)perylene	17.586	276	398518	39.242	ng	# 85

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

