

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
 Data File : BF131317.D
 Acq On : 21 Nov 2022 15:31
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 01:23:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	126035	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	459872	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	261029	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	461479	20.000	ng	0.00
76) Chrysene-d12	14.180	240	280632	20.000	ng	# 0.00
86) Perylene-d12	15.721	264	226427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	507349	76.613	ng	0.00
7) Phenol-d6	6.587	99	648001	76.694	ng	0.00
23) Nitrobenzene-d5	7.539	82	696151	76.308	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	188842	85.991	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1287576	71.762	ng	0.00
79) Terphenyl-d14	13.121	244	1315803	76.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	113229	35.865	ng	100
3) Pyridine	3.546	79	323955	36.954	ng	99
4) n-Nitrosodimethylamine	3.522	42	196265	37.964	ng	98
6) Aniline	6.634	93	410299m	37.053	ng	
8) 2-Chlorophenol	6.751	128	293375	39.104	ng	100
9) Benzaldehyde	6.522	77	207627	39.981	ng	96
10) Phenol	6.598	94	358253	38.243	ng	100
11) bis(2-Chloroethyl)ether	6.704	93	294202	37.484	ng	99
12) 1,3-Dichlorobenzene	6.910	146	331762	37.104	ng	99
13) 1,4-Dichlorobenzene	6.987	146	335914	36.972	ng	98
14) 1,2-Dichlorobenzene	7.139	146	311200	37.200	ng	99
15) Benzyl Alcohol	7.110	79	283820	40.968	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	562252	37.458	ng	100
17) 2-Methylphenol	7.210	107	252635	39.509	ng	99
18) Hexachloroethane	7.487	117	129013	39.695	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	234703	37.945	ng	99
20) 3+4-Methylphenols	7.369	107	321281	39.351	ng	97
22) Acetophenone	7.381	105	429016	36.650	ng	99
24) Nitrobenzene	7.557	77	356803	37.538	ng	99
25) Isophorone	7.798	82	611651	37.580	ng	98
26) 2-Nitrophenol	7.875	139	136747	43.867	ng	88
27) 2,4-Dimethylphenol	7.904	122	247894	39.288	ng	98
28) bis(2-Chloroethoxy)met...	8.004	93	341806	36.974	ng	99
29) 2,4-Dichlorophenol	8.110	162	267580	39.096	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	309533	36.508	ng	96
31) Naphthalene	8.286	128	896316	36.575	ng	99
32) Benzoic acid	8.022	122	165145	43.574	ng	91
33) 4-Chloroaniline	8.328	127	349556	36.156	ng	99
34) Hexachlorobutadiene	8.398	225	205317	37.397	ng	99
35) Caprolactam	8.710	113	74759	41.567	ng	# 88
36) 4-Chloro-3-methylphenol	8.804	107	281218	39.549	ng	95
37) 2-Methylnaphthalene	8.975	142	606997	36.556	ng	98
38) 1-Methylnaphthalene	9.075	142	585092	36.338	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	313441	37.003	ng	99
41) Hexachlorocyclopentadiene	9.128	237	154008	40.444	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	199977	41.616	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
 Data File : BF131317.D
 Acq On : 21 Nov 2022 15:31
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 01:23:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	219499	40.621	ng	98
46) 1,1'-Biphenyl	9.445	154	726008	36.447	ng	98
47) 2-Chloronaphthalene	9.469	162	586962	36.732	ng	99
48) 2-Nitroaniline	9.563	65	203760	41.997	ng	94
49) Acenaphthylene	9.886	152	891009	36.578	ng	99
50) Dimethylphthalate	9.745	163	688735	37.870	ng	99
51) 2,6-Dinitrotoluene	9.810	165	145626	40.039	ng	# 83
52) Acenaphthene	10.063	154	567942	37.234	ng	99
53) 3-Nitroaniline	9.980	138	145462	38.921	ng	96
54) 2,4-Dinitrophenol	10.075	184	57725	44.423	ng	94
55) Dibenzofuran	10.233	168	794406	36.201	ng	99
56) 4-Nitrophenol	10.122	139	108528	41.842	ng	96
57) 2,4-Dinitrotoluene	10.210	165	188571	41.206	ng	97
58) Fluorene	10.580	166	620140	36.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	189053	42.011	ng	100
60) Diethylphthalate	10.445	149	663389	38.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	317391	36.151	ng	96
62) 4-Nitroaniline	10.598	138	145191	39.035	ng	99
63) Azobenzene	10.733	77	682675	36.972	ng	95
65) 4,6-Dinitro-2-methylph...	10.622	198	81838	42.846	ng	82
66) n-Nitrosodiphenylamine	10.692	169	531763	36.162	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	208291	36.826	ng	97
68) Hexachlorobenzene	11.122	284	222851	37.123	ng	97
69) Atrazine	11.216	200	180968	39.971	ng	98
70) Pentachlorophenol	11.316	266	130270	39.948	ng	98
71) Phenanthrene	11.551	178	891258	35.736	ng	100
72) Anthracene	11.604	178	884726	36.096	ng	100
73) Carbazole	11.751	167	759952	36.349	ng	99
74) Di-n-butylphthalate	12.086	149	1002861	40.707	ng	99
75) Fluoranthene	12.745	202	963345	36.657	ng	99
77) Benzidine	12.863	184	180488	34.819	ng	99
78) Pyrene	12.974	202	951640	38.435	ng	100
80) Butylbenzylphthalate	13.598	149	341888	41.643	ng	94
81) Benzo(a)anthracene	14.168	228	708474	36.831	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	199362	39.057	ng	98
83) Chrysene	14.210	228	694865	36.819	ng	100
84) Bis(2-ethylhexyl)phtha...	14.157	149	446797	41.010	ng	# 99
85) Di-n-octyl phthalate	14.786	149	641288	42.364	ng	99
87) Indeno(1,2,3-cd)pyrene	17.309	276	600571	39.491	ng	100
88) Benzo(b)fluoranthene	15.262	252	582783	38.744	ng	100
89) Benzo(k)fluoranthene	15.298	252	554517	35.873	ng	98
90) Benzo(a)pyrene	15.657	252	466749	37.817	ng	99
91) Dibenzo(a,h)anthracene	17.333	278	500737	39.881	ng	99
92) Benzo(g,h,i)perylene	17.792	276	492632	39.312	ng	98

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

