

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126869.D
 Acq On : 14 Feb 2022 14:16
 Operator : CG\JU
 Sample : PB142610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 15 00:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	138034	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	574750	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	284882	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	494951	20.000	ng	0.00
76) Chrysene-d12	14.121	240	284499	20.000	ng	0.00
86) Perylene-d12	15.627	264	213932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1098347	122.512	ng	0.02
7) Phenol-d6	6.569	99	1457847	120.454	ng	0.00
23) Nitrobenzene-d5	7.510	82	1028623	82.576	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	397840	130.263	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1527380	80.705	ng	0.00
79) Terphenyl-d14	13.063	244	1650597	83.172	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.634	79	337098	29.646	ng	98
4) n-Nitrosodimethylamine	3.604	42	235261	44.064	ng	97
6) Aniline	6.604	93	454649	31.192	ng	97
8) 2-Chlorophenol	6.728	128	450270	47.186	ng	99
9) Benzaldehyde	6.498	77	271727	36.926	ng	99
10) Phenol	6.581	94	557638m	45.711	ng	
11) bis(2-Chloroethyl)ether	6.681	93	437103	45.003	ng	99
12) 1,3-Dichlorobenzene	6.887	146	441964	42.565	ng	96
13) 1,4-Dichlorobenzene	6.957	146	448176	42.708	ng	98
14) 1,2-Dichlorobenzene	7.110	146	433956	43.886	ng	98
15) Benzyl Alcohol	7.087	79	448290	46.869	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	686947	43.269	ng	98
17) 2-Methylphenol	7.187	107	383366	45.917	ng	97
18) Hexachloroethane	7.457	117	175569	44.184	ng	97
19) n-Nitroso-di-n-propyla...	7.357	70	345421	45.069	ng	98
20) 3+4-Methylphenols	7.345	107	470179	43.898	ng	# 86
22) Acetophenone	7.357	105	651742	43.825	ng	# 97
24) Nitrobenzene	7.528	77	529568	44.942	ng	99
25) Isophorone	7.763	82	931303	44.624	ng	99
26) 2-Nitrophenol	7.840	139	229072	46.447	ng	97
27) 2,4-Dimethylphenol	7.875	122	404116	48.573	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	541018	41.755	ng	99
29) 2,4-Dichlorophenol	8.081	162	342493	43.782	ng	98
30) 1,2,4-Trichlorobenzene	8.163	180	366452	42.380	ng	99
31) Naphthalene	8.251	128	1261331	42.315	ng	100
32) Benzoic acid	8.004	122	277701	47.256	ng	97
33) 4-Chloroaniline	8.292	127	99299	8.461	ng	95
34) Hexachlorobutadiene	8.357	225	204925	41.603	ng	99
35) Caprolactam	8.675	113	114103m	42.490	ng	
36) 4-Chloro-3-methylphenol	8.775	107	446690	45.365	ng	98
37) 2-Methylnaphthalene	8.939	142	848500	44.543	ng	99
38) 1-Methylnaphthalene	9.039	142	781157	42.383	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	327857	44.080	ng	98
41) Hexachlorocyclopentadiene	9.092	237	416203	99.331	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	237342	44.237	ng	99
44) 2,4,5-Trichlorophenol	9.257	196	249300	43.903	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126869.D
 Acq On : 14 Feb 2022 14:16
 Operator : CG\JU
 Sample : PB142610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 15 00:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	987140	43.685	ng	99
47) 2-Chloronaphthalene	9.434	162	705847	42.293	ng	98
48) 2-Nitroaniline	9.528	65	292960	45.250	ng	98
49) Acenaphthylene	9.851	152	1166579	42.894	ng	99
50) Dimethylphthalate	9.710	163	880957	43.696	ng	100
51) 2,6-Dinitrotoluene	9.769	165	191922	47.022	ng	# 83
52) Acenaphthene	10.022	154	829369m	47.689	ng	
53) 3-Nitroaniline	9.939	138	126140	25.338	ng	100
54) 2,4-Dinitrophenol	10.045	184	182967	78.904	ng	# 79
55) Dibenzofuran	10.192	168	1000487	41.782	ng	98
56) 4-Nitrophenol	10.098	139	322395	90.169	ng	95
57) 2,4-Dinitrotoluene	10.175	165	254389	47.142	ng	95
58) Fluorene	10.539	166	787957	42.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	193720	43.552	ng	99
60) Diethylphthalate	10.404	149	895791	43.078	ng	99
61) 4-Chlorophenyl-phenyle...	10.528	204	360865	41.913	ng	92
62) 4-Nitroaniline	10.563	138	204182	43.623	ng	97
63) Azobenzene	10.686	77	993586	41.971	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	117160	41.415	ng	99
66) n-Nitrosodiphenylamine	10.645	169	695053	42.925	ng	100
67) 4-Bromophenyl-phenylether	11.016	248	230316	42.819	ng	97
68) Hexachlorobenzene	11.080	284	258377	44.601	ng	95
69) Atrazine	11.175	200	224922	45.513	ng	98
70) Pentachlorophenol	11.275	266	287829	89.969	ng	99
71) Phenanthrene	11.504	178	1169042	42.627	ng	99
72) Anthracene	11.557	178	1196003	43.647	ng	100
73) Carbazole	11.710	167	1031594	41.359	ng	99
74) Di-n-butylphthalate	12.027	149	1376612	42.810	ng	100
75) Fluoranthene	12.692	202	1125693	43.882	ng	100
77) Benzidine	12.810	184	266886	35.650	ng	99
78) Pyrene	12.922	202	1128592	43.707	ng	100
80) Butylbenzylphthalate	13.533	149	520716	44.033	ng	98
81) Benzo(a)anthracene	14.110	228	827313	42.926	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	143629	25.023	ng	97
83) Chrysene	14.151	228	802077	44.319	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	663156	43.249	ng	99
85) Di-n-octyl phthalate	14.704	149	934117	44.381	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	689738	45.219	ng	98
88) Benzo(b)fluoranthene	15.180	252	695889	50.922	ng	99
89) Benzo(k)fluoranthene	15.216	252	606940	43.018	ng	99
90) Benzo(a)pyrene	15.563	252	605154	54.267	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	593183	46.827	ng	99
92) Benzo(g,h,i)perylene	17.645	276	577404	45.819	ng	98

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

